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CITRUS FRUIT INDUSTRY STATISTICAL BULLETIN

Sunkist Growers, Inc.

INFORMATION SYSTEMS DEPARTMENT

1987

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INTRODUCTION

This report contains statistical information related to the California-Arizona citrus industry and selected data regarding other citrus producing areas.

To maintain comparability among the various citrus areas in the United States, the statistical series are taken from sources published by the Federal and States Agencies whenever possible. These sources may be different from the records maintained by the industry for the same data series due to differences in collection procedures.

Government sources are supplemented by the California-Arizona Citrus League and other industry records, for information not gathered by the government agencies.

This statistical information is presented without analysis.

NET WEIGHT PER CARTON, FRESH FRUIT

(In Pounds)

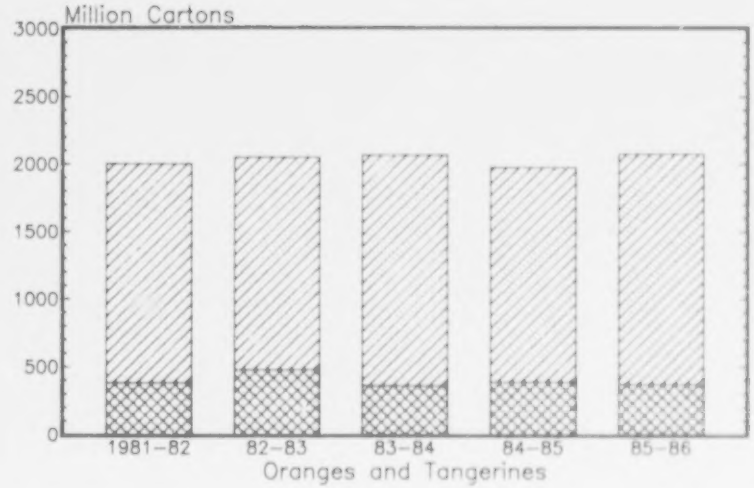
State	Oranges	Tangerines	Lemons	Grapefruit	Lemons
California	37.5	37.5	38.0	33.5	38.0
Arizona	37.5	37.5	38.0	32.0	38.0
Florida	*45.0	47.5	45.0	42.5	40.0
Texas	42.5	-	-	40.0	-

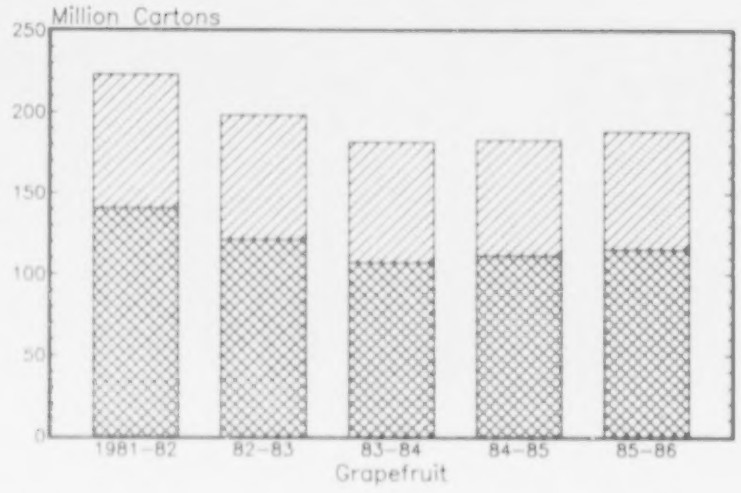
*Includes Temples, Tangelos and Honey Tangerines

WORLD CITRUS PRODUCTION
1981–82 through 1985–86

United States

Other Producing Countries





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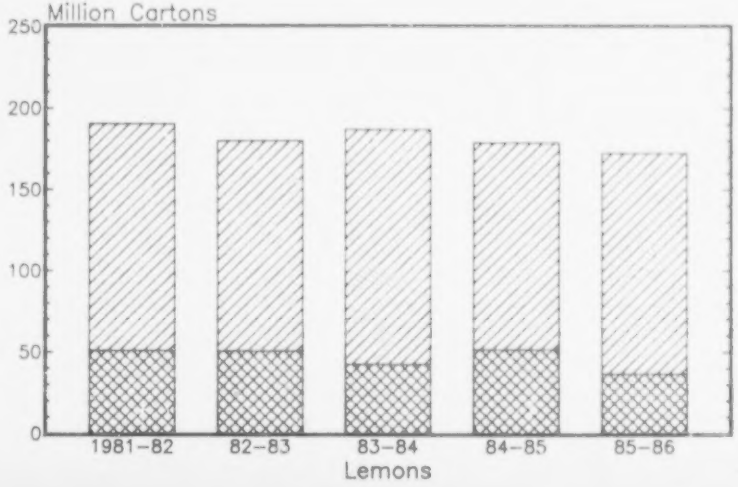


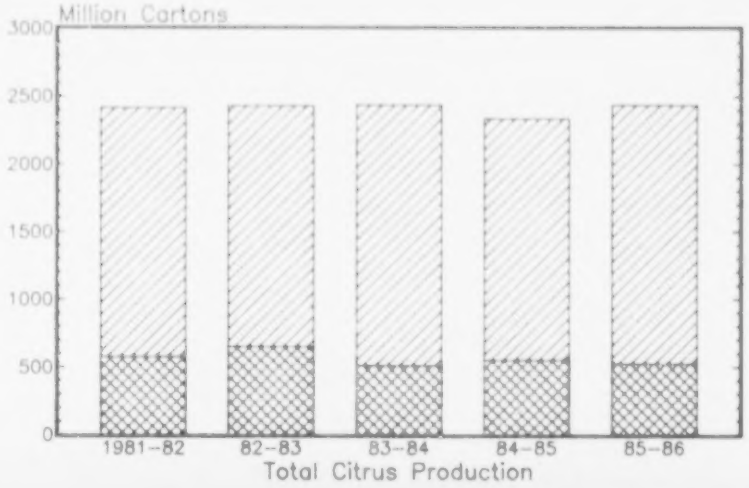


TABLE 1

WORLD AND UNITED STATES CITRUS PRODUCTION
(1966-67 to 1985-86)

Season	*Oranges & Tangerines			Lemons			Grapefruit			Total		
	World	U.S.	U.S. % of World	World	U.S.	U.S. % of World	World	U.S.	U.S. % of World	World	U.S.	U.S. % of World
	Million Cartons		%	Million Cartons		%	Million Cartons		%	Million Cartons		%
1966-67	1,148.7	393.6	34.3	71.2	37.0	52.0	143.6	111.8	77.9	1,363.0	542.4	39.8
1967-68	1,018.1	268.6	26.4	73.9	35.6	48.2	120.3	88.1	73.2	1,212.3	392.3	32.4
1968-69	1,190.5	388.8	32.7	83.6	34.6	41.4	141.7	108.3	74.8	1,416.8	531.7	37.5
1969-70	1,269.5	394.7	31.1	124.4	33.5	26.9	150.5	107.8	71.6	1,544.4	536.0	34.7
1970-71	1,399.4	406.9	29.1	139.1	35.8	25.7	176.8	121.1	68.5	1,715.3	563.8	32.9
1971-72	1,454.6	414.0	28.5	135.8	37.1	27.3	184.5	128.3	69.5	1,774.9	579.4	32.6
1972-73	1,648.5	477.8	29.0	159.1	47.6	29.9	192.9	131.3	68.1	2,000.5	656.7	32.8
1973-74	1,674.6	463.1	27.7	160.9	39.0	24.2	193.6	131.0	67.7	2,029.1	633.1	31.2
1974-75	1,827.2	509.4	27.9	196.9	61.4	31.2	185.2	123.2	66.5	2,209.3	694.0	31.4
1975-76	1,900.3	522.4	27.5	180.8	38.0	21.0	204.2	140.2	68.7	2,285.3	700.6	30.7
1976-77	1,810.4	517.3	28.6	190.2	52.8	27.8	210.3	149.2	70.9	2,210.9	719.1	32.5
1977-78	1,915.7	473.9	24.7	194.4	53.6	27.6	216.2	149.3	69.1	2,326.3	676.8	29.1
1978-79	1,909.3	453.3	23.7	154.3	41.7	27.0	210.3	134.8	64.1	2,273.9	629.8	27.7
1979-80	2,181.9	590.3	27.1	171.4	44.5	26.0	228.2	146.4	63.6	2,581.5	781.2	30.3
1980-81	2,085.2	519.5	25.0	189.7	65.0	34.3	217.4	135.7	62.4	2,492.3	720.2	28.9
1981-82	2,002.6	383.1	19.1	190.6	51.0	26.7	223.3	140.8	63.0	2,416.5	574.9	23.8
1982-83	2,052.7	478.4	23.3	180.1	50.7	28.2	198.3	121.2	61.1	2,431.1	650.3	26.7
1983-84	2,069.0	362.0	17.5	187.0	42.5	22.7	181.8	107.2	60.0	2,437.8	511.7	21.0
1984-85	1,976.4	388.1	19.6	178.9	51.6	28.8	183.1	111.6	61.0	2,338.4	551.3	23.6
1985-86	2,077.7	371.9	17.9	172.6	36.7	21.3	188.4	115.5	61.3	2,438.7	524.1	21.5

*: Includes Temples and Tangelos
Source: USDA, Foreign Agricultural Service - Foreign Agriculture Circular; Crop Reporting Board - Citrus Fruits by States; Florida Crop and Livestock Reporting Service - Florida Citrus.

TABLE 2

PRODUCTION OF CALIFORNIA-ARIZONA CITRUS
(1956-57 to 1985-86)

Season	Navels & Miscellaneous	Valencias	Total Oranges	Tangerines	Lemons	Grapefruit	Total
	1,000 Cartons						
1956-57	31,800	42,580	74,380		32,400	9,180	115,960
1957-58	19,180	29,720	48,900		33,800	10,360	93,060
1958-59	34,340	47,280	81,620		34,480	8,800	124,900
1959-60	28,120	36,480	64,600		36,460	11,840	112,900
1960-61	18,880	33,440	52,320		28,680	9,960	90,960
1961-62	16,080	27,800	43,880	520	33,480	10,420	88,300
1962-63	26,080	34,240	60,320	420	25,980	9,340	96,060
1963-64	31,860	35,940	67,800	580	38,080	14,820	121,280
1964-65	31,740	33,340	65,080	1,080	28,420	14,260	108,840
1965-66	39,320	38,520	77,840	1,060	31,540	16,000	126,440
1966-67	36,520	46,100	82,620	1,600	35,820	13,360	133,400
1967-68	20,060	24,480	44,540	1,420	33,700	16,716	96,376
1968-69	39,740	59,620	99,360	1,620	31,620	15,140	147,740
1969-70	44,380	42,880	87,260	2,220	31,040	16,820	137,340
1970-71	37,320	44,800	82,120	3,060	32,900	15,120	133,200
1971-72	46,400	50,200	96,600	3,660	33,360	15,880	149,500
1972-73	39,520	54,800	94,320	4,260	44,400	16,880	159,860
1973-74	44,700	42,920	87,620	4,080	35,600	13,400	140,700
1974-75	57,640	62,300	119,940	4,300	58,800	19,420	202,460
1975-76	58,060	52,900	110,960	3,920	35,240	20,560	170,680
1976-77	52,800	45,700	98,500	4,940	52,000	21,400	176,840
1977-78	41,640	50,800	92,440	4,000	52,200	22,720	171,360
1978-79	43,000	37,400	80,400	3,800	39,200	16,760	140,160
1979-80	66,900	58,900	125,800	4,800	41,500	21,000	193,100
1980-81	79,300	56,400	135,700	5,120	62,600	21,720	225,140
1981-82	54,800	35,100	89,900	4,960	49,600	17,100	161,560
1982-83	82,500	77,300	159,800	6,500	50,700	20,000	237,000
1983-84	68,500	32,100	100,600	6,000	42,500	19,020	168,120
1984-85	53,700	56,000	109,700	4,760	51,600	23,600	189,660
1985-86	67,800	46,400	114,200	5,000	36,700	21,600	177,500

Prior to 1961-62 Navels & Miscellaneous includes small amount of Tangerines.

Source: USDA, Crop Reporting Board - Citrus Fruits by States.

TABLE 3

BEARING ACREAGE OF CALIFORNIA-ARIZONA CITRUS
(1956-57 to 1985-86)

Season	Navels & Miscellaneous	Valencias	Total Oranges	Tangerines	Lemons	Grapefruit	Total
	1,000 Acres						
1956-57	65.4	93.3	158.7		52.8	12.6	224.1
1957-58	65.1	90.2	155.3		53.2	12.9	221.4
1958-59	63.8	87.9	151.7		54.7	12.9	219.3
1959-60	63.0	83.1	146.1		56.2	13.1	215.4
1960-61	63.3	80.8	144.1		55.8	13.8	213.7
1961-62	62.6	77.7	140.3		56.0	15.3	211.6
1962-63	64.0	73.7	137.7		52.8	16.8	207.3
1963-64	64.5	74.9	139.4		53.5	17.9	210.8
1964-65	66.4	73.2	139.6		50.0	18.0	207.6
1965-66	67.7	73.2	140.9	5.8	48.6	19.1	214.4
1966-67	70.8	77.4	148.2	7.0	47.4	19.2	221.8
1967-68	74.5	86.2	160.7	9.2	47.4	19.5	236.8
1968-69	79.3	93.0	172.3	11.6	48.7	19.9	252.5
1969-70	84.2	98.8	183.0	12.5	47.1	19.9	262.5
1970-71	91.4	101.1	192.5	12.7	50.4	19.5	275.1
1971-72	100.3	104.4	204.7	14.5	52.0	20.2	291.4
1972-73	107.4	105.5	212.9	14.9	55.6	21.3	304.7
1973-74	113.8	104.9	218.7	16.1	63.4	23.4	321.6
1974-75	119.1	101.0	220.1	18.8	66.1	25.6	330.6
1975-76	122.0	96.7	218.7	17.6	67.6	26.7	330.6
1976-77(a)	122.2	90.7	212.9	16.3	68.3	26.9	324.4
1977-78	118.6	86.9	205.5	13.7	69.9	28.2	317.3
1978-79	117.0	84.9	201.9	12.3	68.9	28.5	311.6
1979-80	117.4	84.1	201.5	11.7	70.0	29.8	313.0
1980-81	115.3	80.6	195.9	11.5	71.9	29.9	309.2
1981-82	113.4	79.9	193.3	11.8	75.9	30.2	311.2
1982-83	114.1	76.0	190.1	12.4	71.5	28.5	302.5
1983-84	114.0	74.9	188.9	12.3	68.1	28.6	297.9
1984-85	112.0	73.9	185.9	11.6	64.3	28.2	290.0
1985-86	111.3	74.4	185.7	12.0	63.5	26.7	287.9

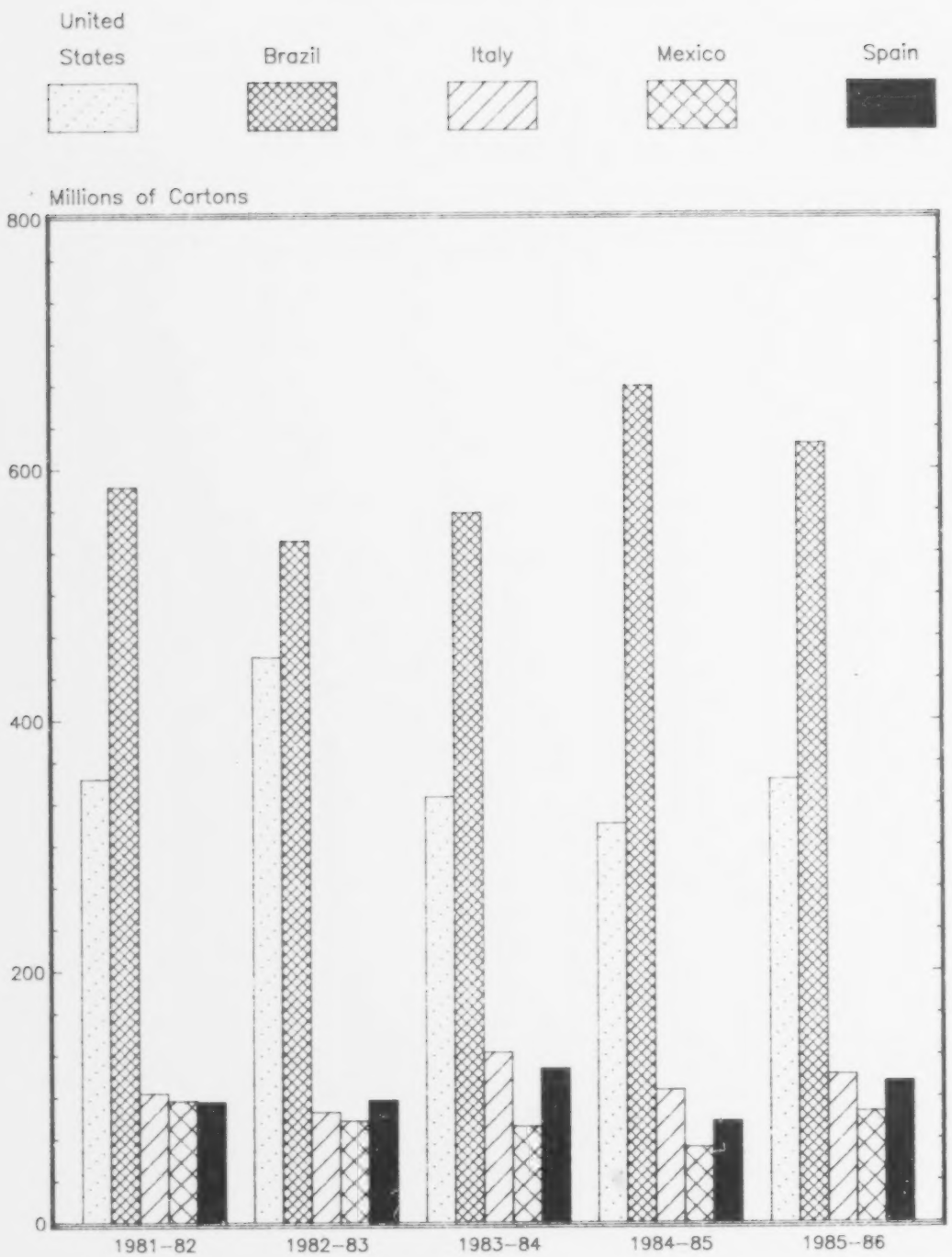
Prior to 1965-66 Tangerines included in Navels and Miscellaneous.

(a) No Arizona Acreage survey for 1976-77 season.

Source: California Fruit & Nut Acreage; California Fruit & Nut Statistics; Arizona Fruit & Vegetable Standardization Service; Citrus Fruits by States; Orange Administrative Committees.

PRODUCTION OF ORANGES

MAJOR PRODUCING COUNTRIES



5–Year Comparison

(Origin: Table 4)

TABLE 4

PRODUCTION OF ORANGES IN SPECIFIED COUNTRIES
(1981-82 to 1985-86)

Countries	1981-82	1982-83	1983-84	1984-85	1985-86
	1,000 Cartons (37.5 lbs.)				
United States	353,380	450,360	339,020	317,500	352,820
Argentina	35,714	37,658	29,467	38,483	29,467
Australia	24,811	23,102	28,759	30,645	31,824
Brazil	585,915	542,776	565,053	666,065	620,332
Cuba	21,216	23,573	22,689	22,984	22,984
Cyprus	8,486	8,722	11,433	8,663	9,311
Greece	41,489	39,191	40,723	45,260	35,360
Israel	65,121	52,392	56,694	51,861	50,093
Italy	103,251	88,282	135,488	105,491	117,867
Lebanon	12,671	13,260	11,787	12,965	12,671
Mexico	97,240	81,328	76,613	55,987	88,400
Morocco*	40,959	39,485	44,023	40,428	47,441
South Africa*	32,178	30,056	30,174	28,642	31,529
Spain	96,002	97,358	122,405	80,444	112,268
Turkey	39,780	38,660	43,021	44,789	41,253
U.A.R. (Egypt)	52,745	70,779	73,254	69,659	70,720
All Others*	17,798	19,566	18,859	20,450	19,802
Total	1,628,756	1,656,548	1,649,462	1,640,316	1,694,142

* Includes Tangerines
Source: USDA, Foreign Agricultural Service - Foreign Agriculture Circular, Crop Reporting Board - Citrus Fruits by States.

TABLE 5

PRODUCTION AND UTILIZATION OF ORANGES, BY STATES
(1976-77 to 1985-86)

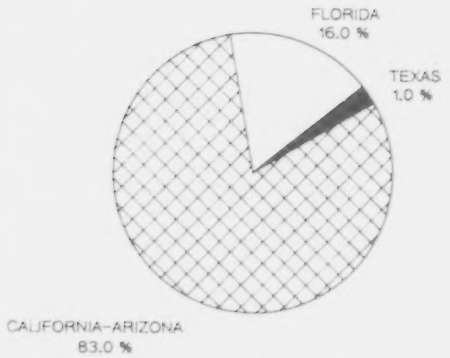
Season	California-Arizona			Florida			Texas			Total U.S.		
	Total	Fresh	Fresh	Total	Fresh	Fresh	Total	Fresh	Fresh	Total	Fresh	Fresh
	Million Cartons		%	Million Cartons		%	Million Cartons		%	Million Cartons		%
1976-77	98.5	69.8	71	373.6	17.8	5	13.8	6.8	49	485.9	94.4	19
1977-78	92.4	62.9	68	335.6	19.9	6	12.2	6.3	52	440.2	89.1	20
1978-79	80.4	52.8	66	328.0	23.4	7	12.8	4.2	33	421.2	80.4	19
1979-80	125.8	83.4	66	413.4	22.0	5	8.1	4.2	52	547.3	109.6	20
1980-81	135.7	78.6	58	344.8	16.6	5	8.7	5.7	66	489.2	100.9	21
1981-82	89.9	71.0	79	251.6	15.2	6	11.9	6.6	55	353.4	92.8	26
1982-83	159.8	91.6	58	279.2	20.6	7	11.4	6.7	59	450.4	118.9	26
1983-84	100.6	78.1	78	233.4	15.3	7	5.0	2.8	56	339.0	96.2	28
1984-85	109.7	84.7	77	207.8	13.3	6	(a)	(a)	(a)	317.5	98.0	31
1985-86	114.2	91.3	80	238.0	17.8	7	0.62	0.58	94	352.8	109.7	31

Temples not included. (a) Due to December 1983 freeze, no commercial supplies were harvested.
Source: USDA, Crop Reporting Board - Citrus Fruits By States

1985-86 U.S. ORANGE PRODUCTION
BY STATE

(Origin: Table 5)

1985-86 U.S. ORANGE FRESH SHIPMENTS
BY STATE



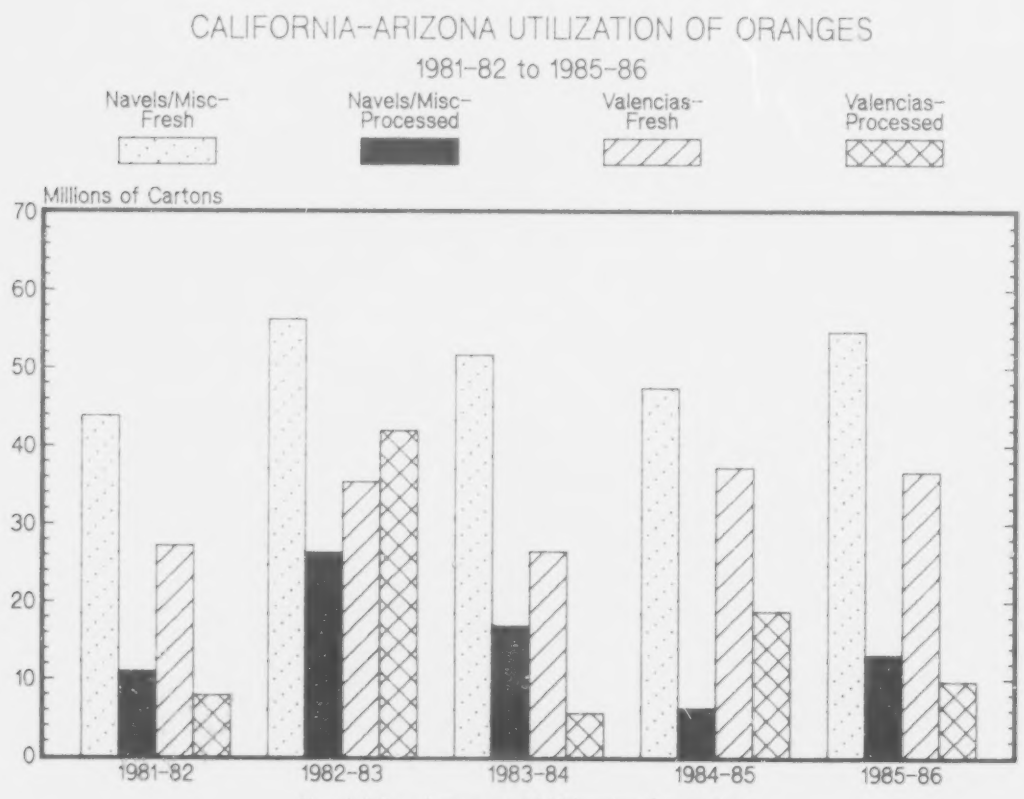
(Origin: Table 5)

TABLE 6

PRODUCTION AND UTILIZATION OF CALIFORNIA-ARIZONA ORANGES
(1976-77 to 1985-86)

Season	Navels & Miscellaneous			Valencia		
	Total	Fresh	Processed	Total	Fresh	Processed
	1,000 Cartons					
1976-77	52,800	39,810	12,990	45,700	29,950	15,750
1977-78	41,640	31,770	9,870	50,800	31,100	19,700
1978-79	43,000	29,800	13,200	37,400	23,080	14,320
1979-80	66,900	44,700	22,200	58,900	38,660	20,240
1980-81	79,300	50,200	29,100	56,400	28,420	27,980
1981-82	54,800	43,840	10,960	35,100	27,200	7,900
1982-83	82,500	56,230	26,270	77,300	35,360	41,940
1983-84	68,500	51,660	16,840	32,100	26,460	5,640
1984-85	53,700	47,420	6,280	56,000	37,240	18,760
1985-86	67,800	54,660	13,140	46,400	36,660	9,740

Source: USDA, Crop Reporting Board - Citrus Fruits By States



Navels/Miscellaneous and Valencias Comparison
(Origin: Table 6)

TABLE 7

UTILIZATION AND AVERAGE ON-TREE PRICES
For California-Arizona Oranges
(1976-77 to 1985-86)

Season	Navels & Miscellaneous						Valencias					
	Utilization			On-Tree Prices			Utilization			On-Tree Prices		
	Fresh	Products	Total	Fresh	Products	Total	Fresh	Products	Total	Fresh	Products	Total
	Million Cartons			Dollars per Carton			Million Cartons			Dollars per Carton		
1976-77	39.8	13.0	52.8	1.79	-0.49	1.23	30.0	15.7	45.7	1.92	-0.17	1.19
1977-78	31.8	9.8	41.6	3.25	-0.40	2.38	31.1	19.7	50.8	3.36	0.40	2.21
1978-79	29.8	13.2	43.0	4.01	-0.15	2.73	23.1	14.3	37.4	3.41	0.53	2.31
1979-80	44.7	22.2	66.9	2.01	-0.19	1.28	38.7	20.2	58.9	1.64	0.13	1.12
1980-81	50.2	29.1	79.3	2.47	-0.65	1.33	28.4	28.0	56.4	3.12	0.38	1.76
1981-82	43.8	11.0	54.8	3.60	-0.52	2.77	27.2	7.9	35.1	5.87	0.08	4.57
1982-83	56.2	26.3	82.5	2.35	-0.23	1.53	35.4	41.9	77.3	1.94	0.02	0.90
1983-84	51.7	16.8	68.5	2.85	-0.62	2.00	26.5	5.6	32.1	7.24	0.09	5.99
1984-85	47.4	6.3	53.7	5.47	0.48	4.89	37.2	18.8	56.0	4.38	0.66	3.13
1985-86	54.7	13.1	67.8	3.64	-0.69	2.80	36.7	9.7	46.4	2.67	-0.58	1.99

Source: USDA, Crop Reporting Board - Citrus Fruits By States; Agricultural Prices.

TABLE 8

UTILIZATION AND AVERAGE ON-TREE PRICES
For Florida and Texas Oranges
(1976-77 to 1985-86)

Season	Florida						Texas					
	Utilization			On-Tree Prices			Utilization			On-Tree Prices		
	Fresh	Products	Total	Fresh	Products	Total	Fresh	Products	Total	Fresh	Products	Total
	Million Cartons			Dollars per Carton			Million Cartons			Dollars per Carton		
1976-77	17.8	355.8	373.6	1.10	1.09	1.09	6.8	7.0	13.8	1.03	0.86	0.95
1977-78	19.9	315.7	335.6	2.43	2.05	2.07	6.3	5.9	12.2	1.67	1.71	1.69
1978-79	23.4	304.6	328.0	2.68	2.31	2.33	4.2	8.6	12.8	1.94	1.55	1.68
1979-80	22.0	391.4	413.4	2.08	1.85	1.86	4.2	3.9	8.1	2.34	1.65	2.00
1980-81	16.6	328.2	344.8	2.90	1.98	2.02	5.7	3.0	8.7	2.07	1.54	1.88
1981-82	15.2	236.4	251.6	3.26	2.07	2.14	6.6	5.3	11.9	2.01	1.64	1.85
1982-83	20.6	258.6	279.2	2.97	2.58	2.58	6.7	4.7	11.4	2.08	1.47	1.83
1983-84	15.3	218.1	233.4	3.87	2.81	2.88	2.8	2.2	5.0	2.05	1.35	1.74
1984-85	13.3	194.5	207.8	5.56	3.42	3.56	(a)	(a)	(a)	-	-	-
1985-86	17.8	220.2	238.0	2.67	1.84	1.90	0.58	0.04	0.62	4.65	2.01	4.48

(a) Due to December 1983 freeze, no commercial supplies were harvested.
Source: USDA, Crop Reporting Board - Citrus Fruits By States; Agricultural Prices.
Florida Agricultural Statistics.

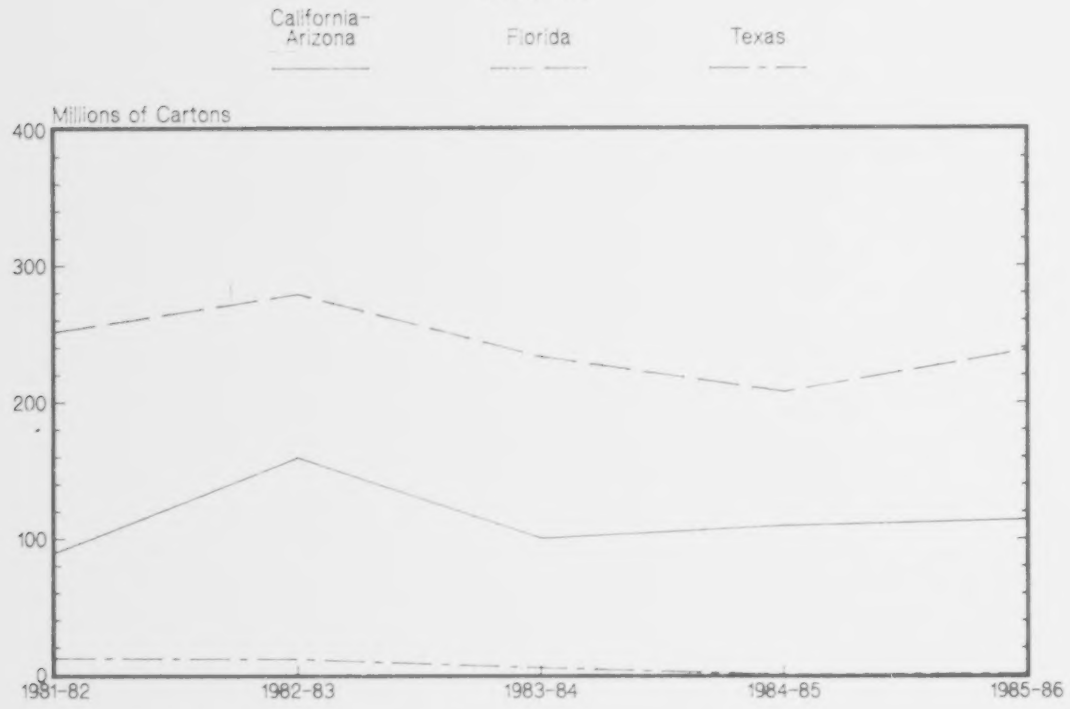
TABLE 9

BEARING ACREAGE AND PRODUCTION OF ORANGES BY STATES
(1976-77 to 1985-86)

Season	California-Arizona		Florida		Texas		Total U.S.	
	Bearing Acreage	Production	Bearing Acreage	Production	Bearing Acreage	Production	Bearing Acreage	Production
	1,000 Acres	Million Cartons	1,000 Acres	Million Cartons	1,000 Acres	Million Cartons	1,000 Acres	Million Cartons
1976-77(a)	212.9	98.5	594.3	373.6	28.2	13.8	835.4	485.9
1977-78	205.5	92.4	579.0	335.6	28.2	12.2	812.7	440.2
1978-79	201.9	80.4	571.5	328.0	27.8	12.8	801.2	421.2
1979-80	201.5	125.8	576.6	413.4	27.8	8.1	805.9	547.3
1980-81	195.9	135.7	573.4	344.8	25.3	8.7	794.6	489.2
1981-82	193.3	89.9	560.2	251.6	23.7	11.9	777.2	353.4
1982-83	190.1	159.8	536.8	279.2	24.0	11.4	750.9	450.4
1983-84	188.9	100.6	530.3	233.4	24.3	5.0	743.5	339.0
1984-85	185.9	109.7	420.1	207.8	11.4	(b)	617.4	316.7
1985-86	185.7	114.2	367.6	238.0	11.4	0.62	564.7	352.8

(a): No Arizona Acreage survey for 1976-77.
(b): Due to December 1983 Freeze no Commercial Supplies
Source: USDA, Crop Reporting Board - Citrus Fruits by States; California Fruit & Nut Acreage; Arizona Fruit & Vegetable Standardization Service; Florida Agricultural Statistics.

5-YEAR PRODUCTION OF ORANGES
BY STATE



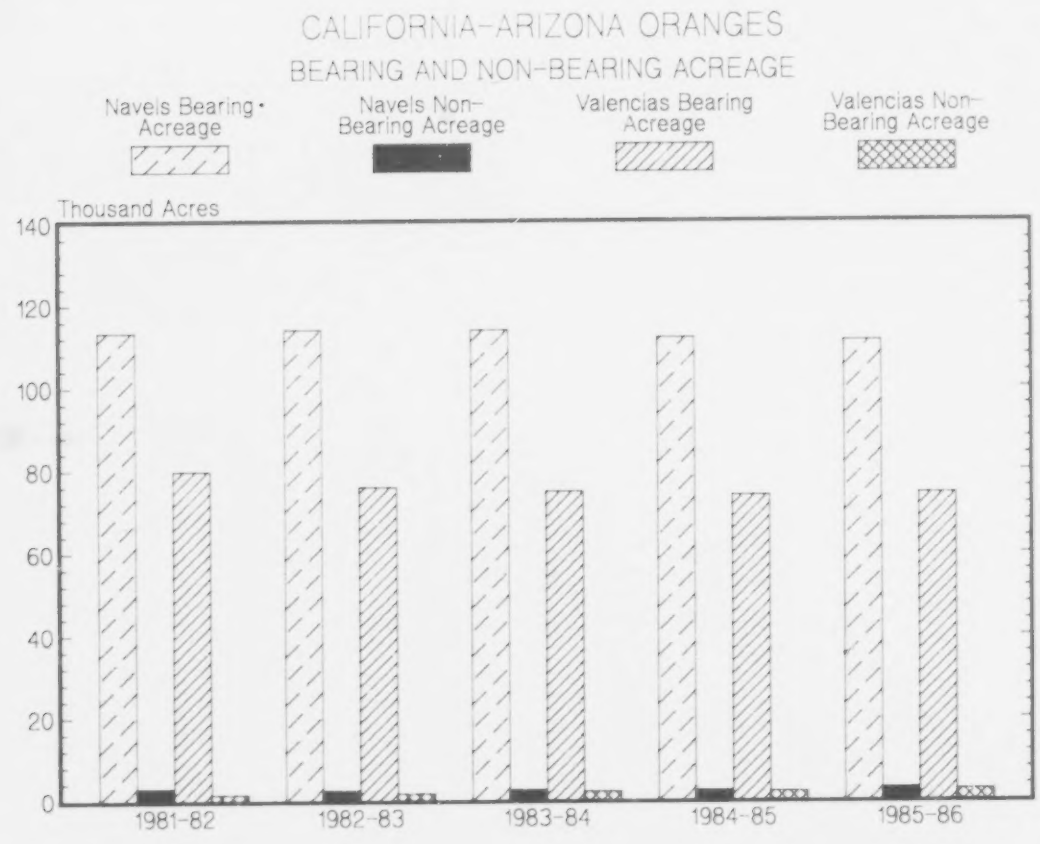
(Origin: Table 9)

TABLE 10

BEARING AND NON-BEARING ACREAGE OF CALIFORNIA-ARIZONA ORANGES
(1976-77 to 1985-86)

Season	Navels & Miscellaneous			Valencias		
	Bearing	Non-Bearing*	Total	Bearing	Non-Bearing*	Total
	Acres					
1976-77(a)	122,177	6,313	128,490	90,742	2,264	93,006
1977-78	118,551	5,403	123,954	86,879	1,023	87,902
1978-79	117,021	3,628	120,649	84,852	999	85,851
1979-80	117,404	3,313	120,717	84,052	1,077	85,129
1980-81	115,298	3,188	118,486	80,635	1,190	81,825
1981-82	113,366	2,899	116,265	79,866	1,409	81,275
1982-83	114,052	2,380	116,432	75,970	1,640	77,610
1983-84	113,959	2,481	116,440	74,910	2,085	76,995
1984-85	112,021	2,292	114,312	73,903	2,042	74,145
1985-86	111,266	2,900	114,166	74,415	2,500	76,915

*: Starting with 1975-76, Arizona data not available.
(a): No Arizona Acreage survey for 1976-77.
Source: California Fruit & Nut Acreage; Arizona Fruit & Vegetable Standardization Service; Orange Adm. Committee.



(Origin: Table 10)

TABLE 11

COST OF PRODUCING AND MARKETING CALIFORNIA-ARIZONA PACKED ORANGES
(1976-77 to 1985-86)

	Production	Bearing Acreage	Cartons Per Acre	Cultural Cost	Picking and Hauling	Packing	Selling and Advertising	Trans to New York
	1,000 Cartons	Acres	Cartons	Dollars Per Packed Equivalent Carton				
1976-77	98,500	212,919 (a)	463	2.27	0.55	1.25	0.36	1.49
1977-78	92,440	205,430	450	NA	0.59	1.31	0.31	1.60
1978-79	80,400	201,873	398	3.32	0.65	1.42	0.27	1.75
1979-80	125,800	201,456	624	2.27	0.71	1.56	0.34	1.88
1980-81	135,700	195,933	693	3.18	0.79	1.66	0.38	1.72
1981-82	89,900	193,232	465	4.70	0.82	1.79	0.42	1.82
1982-83	159,800	190,022	841	2.55	0.81	1.90	0.48	1.92
1983-84	100,600	188,869	533	5.25	0.82	2.02	0.51	2.48
1984-85	109,700	185,924	590	4.03	0.83	2.07	0.49	2.60
1985-86	114,200	185,681	615	4.19	0.82	2.09	0.51	2.75

(a): No Arizona Acreage survey for 1976-77 Season.
NA: Not Available
Source: USDA, Crop Reporting Board - Citrus Fruits By States; California Fruit & Nut Acreage; Arizona Fruit & Vegetable Standardization Service; California-Arizona Citrus League; Sunkist Growers, Inc.; UCR; UAT; Orange Adm. Committees.

TABLE 12

FRESH SHIPMENTS, F.O.B. PRICE AND AVERAGE SIZE
For California-Arizona Oranges
(1976-77 to 1985-86)

	Navels & Miscellaneous				Valencias		
Nov-April	Commercial Fresh Shipments	F.O.B. Price	Average Size	May-Oct.	Commercial Fresh Shipments	F.O.B. Price	Average Size
	Million Cartons	Dollars Per Ctn.	Oranges Per Ctn.		Million Cartons	Dollars Per Ctn.	Oranges Per Ctn.
1976-77	37.1	3.89	89	1977	27.2	4.52	97
1977-78	31.0	5.61	89	1978	24.9	6.03	109
1978-79	28.3	7.11	88	1979	20.3	6.97	94
1979-80	40.2	5.07	81	1980	33.6	5.12	95
1980-81	40.3	5.41	102	1981	25.0	6.47	106
1981-82	42.5	6.68	88	1982	21.4	9.99	100
1982-83	45.9	5.70	97	1983	30.6	5.33	108
1983-84	50.2	6.19	82	1984	22.2	11.35	105
1984-85	53.3	8.83	95	1985	30.4	7.66	112
1985-86	49.2	7.35	86	1986	31.7	7.27	98

Source: Orange Administrative Committee; Sunkist Growers, Inc.

TABLE 13

AUCTION SALES AND DELIVERED AVERAGE PRICE
For California-Arizona oranges
(1976-77 to 1985-86)

Season	Navels & Misc.		Valencias		Total Oranges	
	Volume Sold	Delivered Average	Volume Sold	Delivered Average	Volume Sold	Delivered Average
	1,000 Cartons	Dollars Per Carton	1,000 Cartons	Dollars Per Carton	1,000 Cartons	Dollars Per Carton
1976-77	1,568	5.02	1,554	5.76	3,122	5.39
1977-78	1,097	6.50	1,838	6.71	2,935	6.63
1978-79	951	8.13	1,302	7.14	2,253	7.56
1979-80	1,216	5.93	1,013	6.41	2,229	6.15
1980-81	1,155	6.33	1,038	6.59	2,193	6.45
1981-82	489	7.51	649	8.99	1,138	8.35
1982-83	785	6.08	738	5.56	1,523	5.83
1983-84	466	6.37	374	10.49	840	8.20
1984-85	102	8.34	170	7.63	272	7.90
1985-86	39	7.54	47	8.10	86	7.85

Source: Sunkist Growers, Inc.

TABLE 14

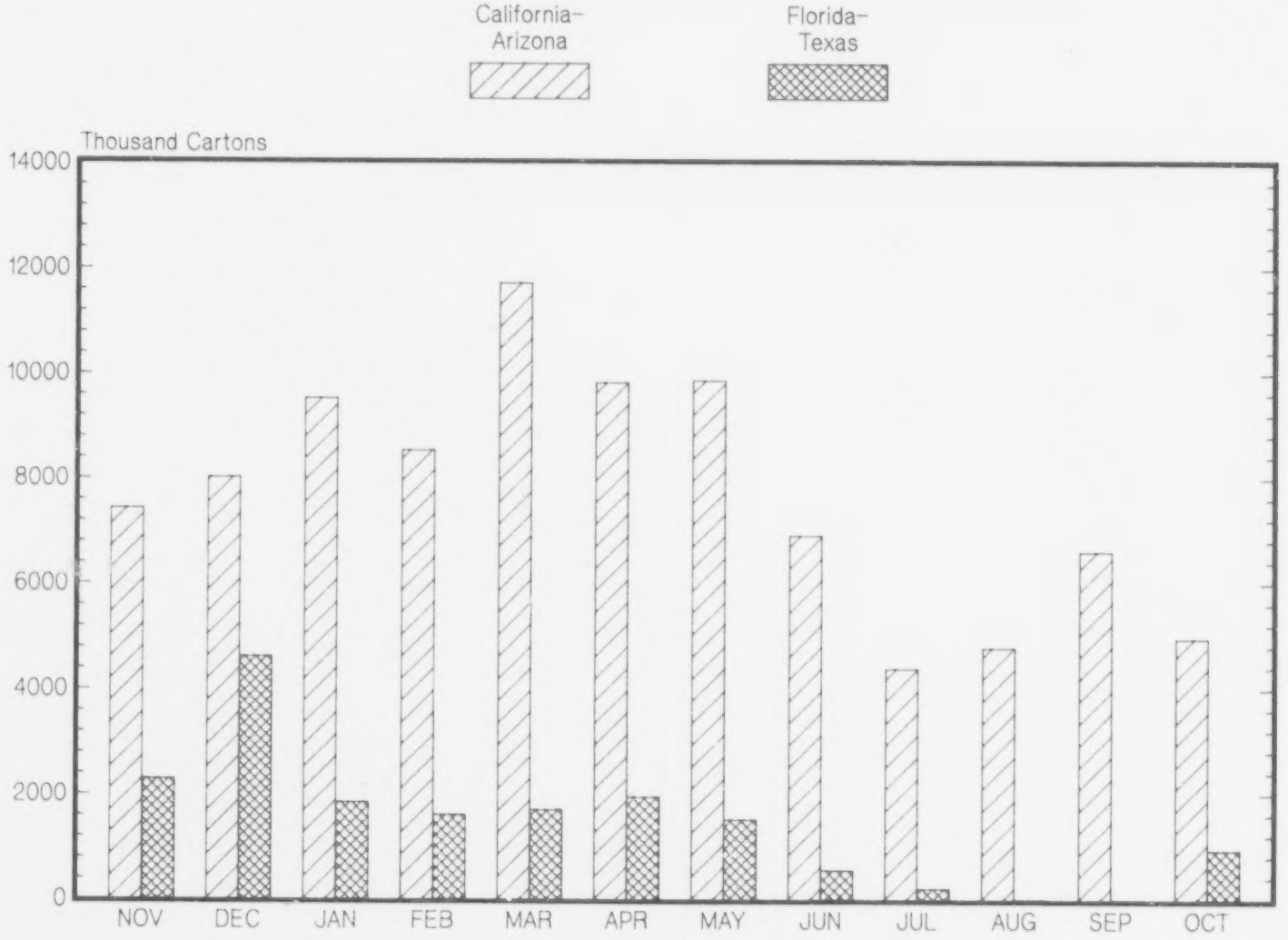
SIZE PERCENTAGE OF DOMESTIC SHIPMENTS
For California-Arizona Oranges
(1985-86)

Size	Central		Southern		Desert	
	Navels	Valencias	Navels	Valencias	Navels	Valencias
	Percent					
40's & Larger	3.44	0.43	0.85	0.16	6.59	0.36
48	7.86	4.26	2.89	1.44	8.78	1.22
56	19.48	17.09	10.51	9.72	20.78	8.32
72	26.87	27.94	17.58	16.30	26.17	14.12
88	23.38	28.24	18.87	25.44	21.08	22.47
113	13.08	14.91	19.17	20.39	9.76	24.87
138	4.87	6.05	17.80	11.34	4.45	17.53
163	0.98	1.05	7.82	11.34	1.27	5.59
180	0.01	0.03	1.40	1.98	0.66	1.75
210's & Smaller	-	-	3.11	1.89	0.46	3.77
Avg. Size	79	84	105	105	77	108

Source: Navel & Valencia Orange Administrative Committees.

COMMERCIAL ORANGE FRESH SHIPMENTS

With California-Arizona combined & Florida-Texas combined



1985-86 SEASON

(Origin: Tables 15 & 16)

TABLE 15

COMMERCIAL FRESH SHIPMENTS, BY MONTHS
For California-Arizona Oranges
(1976-77 to 1985-86)

Season	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Total
	1,000 Cartons												
1976-77	4,129	5,934	7,119	6,800	8,078	8,424	8,169	6,119	5,013	4,439	4,102	2,425	70,751
1977-78	3,311	5,559	5,601	6,451	7,383	8,195	6,831	5,582	3,862	3,570	3,105	2,436	61,886
1978-79	3,348	5,707	4,879	4,419	5,687	6,470	5,416	3,746	3,207	3,176	3,412	3,125	52,592
1979-80	4,351	5,794	6,782	7,484	9,725	9,976	10,435	7,581	6,354	5,749	4,951	3,173	82,355
1980-81	4,071	5,854	7,255	6,868	9,493	9,398	9,629	7,413	5,421	3,700	4,329	4,382	77,813
1981-82	6,609	6,844	7,729	7,970	9,772	9,644	7,296	4,748	4,149	3,224	1,816	686	70,487
1982-83	4,656	6,858	8,868	8,359	9,713	10,517	11,225	8,306	5,285	4,678	5,498	5,254	89,217
1983-84	5,960	8,273	10,111	10,062	11,227	10,734	7,663	4,086	3,177	3,106	3,129	2,837	80,365
1984-85	7,629	6,041	8,800	8,775	10,033	9,409	7,680	4,677	4,247	4,471	4,934	5,185	81,881
1985-86	7,425	8,017	9,529	8,533	11,719	9,829	9,873	6,917	4,396	4,792	6,617	4,967	92,614

Source: Orange Administrative Committee; Sunkist Growers, Inc.

TABLE 16

COMMERCIAL FRESH SHIPMENTS, BY MONTHS
For Florida and Texas Oranges
(1976-77 to 1985-86)

Season	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Total
	1,000 Cartons												
1976-77	3,371	5,939	2,322	1,776	2,291	1,739	1,374	397	98	28	55	1,090	20,481
1977-78	3,234	5,416	2,359	2,380	2,504	2,301	1,780	1,013	292	145	63	885	22,372
1978-79	3,175	5,447	2,329	2,329	2,394	2,582	2,651	1,347	456	103	7	902	23,722
1979-80	3,313	5,160	2,397	2,844	2,677	2,376	2,062	916	349	64	36	904	23,098
1980-81	3,355	5,864	1,958	2,008	1,842	1,317	1,081	484	88	30	52	970	19,049
1981-82	2,635	5,499	1,803	1,827	1,940	1,738	1,431	429	15	2	297	2,556	20,172
1982-83	3,574	5,507	2,160	2,282	2,428	2,513	1,797	660	86	20	55	479	21,571
1983-84	2,960	5,675	1,178	1,165	1,164	1,083	938	325	21	13	3	929	15,454
1984-85	2,247	3,569	1,340	700	993	1,058	1,123	385	36	7	24	962	12,444
1985-86	2,287	4,611	1,848	1,609	1,707	1,955	1,522	562	212	6	1	944	17,264

Note: 1984-85 No Commercial Shipments for Texas.

Source: USDA Federal-State Market News Service; Florida Agricultural Statistics - Citrus Summary.

TABLE 17

CALIFORNIA-ARIZONA NAVELS
Weekly Shipments
(1985-86 Season)

Week Through	Central		Southern		Desert		Total	
	Fresh	Products	Fresh	Products	Fresh	Products	Fresh	Products
	Carloads of 1,000 cartons each							
Oct. 24, 1985	21	12	-	-	1	1	22	13
31	175	96	-	-	9	1	184	97
Nov. 07	756	190	-	-	20	2	776	192
14	1,352	197	-	-	59	3	1,411	200
21	1,649	172	3	-	95	6	1,746	179
28	1,419	209	38	9	66	4	1,522	222
Dec. 05	1,621	187	38	5	98	11	1,757	203
12	2,224	293	149	30	133	12	2,506	334
19	1,837	269	240	45	94	14	2,170	328
26	810	115	203	31	56	6	1,069	152
Jan. 02, 1986	756	135	221	50	45	10	1,022	196
09	1,456	352	360	60	45	9	1,861	421
16	1,894	408	487	90	26	5	2,408	503
23	1,805	421	421	74	20	2	2,247	497
30	1,785	393	374	79	9	2	2,167	475
Feb. 06	1,729	354	380	55	10	1	2,119	410
13	1,752	436	493	82	5	-	2,250	518
20	1,354	243	311	44	1	-	1,667	288
27	1,783	572	436	100	1	-	2,220	672
Mar. 06	1,710	591	537	112	-	-	2,247	703
13	1,885	533	342	59	2	-	2,229	592
20	2,208	586	260	36	-	-	2,468	622
27	2,112	781	343	53	-	-	2,455	833
Apr. 03	1,811	741	327	51	-	-	2,138	792
10	1,939	910	240	41	-	-	2,179	951
17	2,007	965	159	35	-	-	2,166	1,000
24	1,839	944	124	35	-	-	1,963	979
May. 01	1,532	927	82	20	-	-	1,615	947
08	1,259	591	31	19	-	-	1,291	609
15	840	290	4	7	-	-	844	297
22	413	160	1	5	-	-	414	165
29	117	43	-	16	-	-	117	59
Jun. 06	23	16	1	1	-	-	23	17
12	43	34	-	-	-	-	43	34
19	14	6	-	-	-	-	14	6
26	12	10	-	-	-	-	12	10
Jul. 03	2	-	-	-	-	-	2	-
10	1	-	-	-	-	-	1	-
17	1	1	-	-	-	-	1	1
24	1	2	-	-	-	-	1	2
TOTAL	45,947	13,185	6,605	1,244	795	89	53,347	14,519

Source: Navel Orange Administrative Committee.

TABLE 18

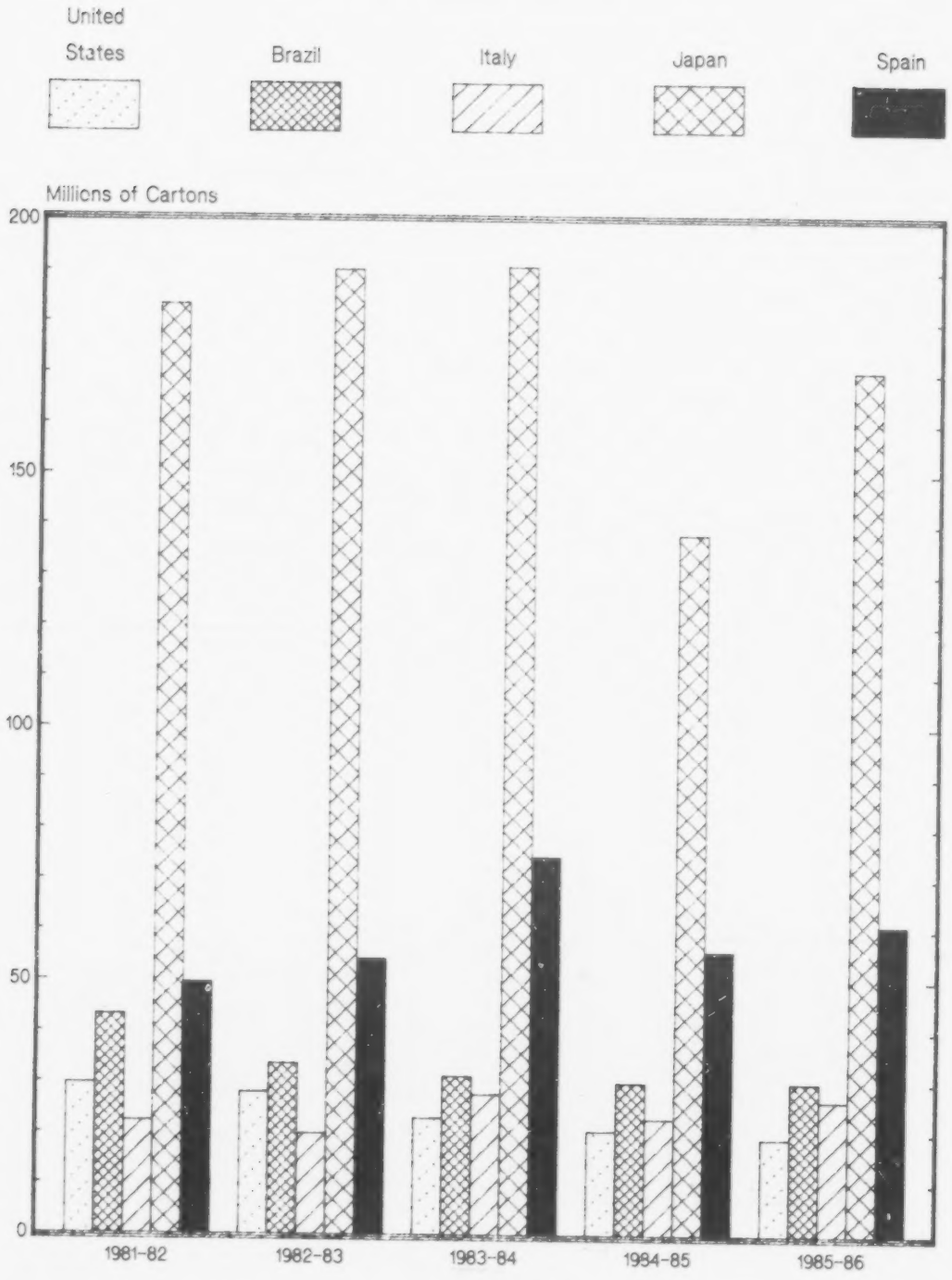
CALIFORNIA-ARIZONA VALENCIAS
Weekly Shipments
(1985-86 Season)

Week Ending	Central		Southern		Desert		Total	
	Fresh	Products	Fresh	Products	Fresh	Products	Fresh	Products
	Carloads of 1,000 cartons each							
Jan. 30, 1986	-	-	-	-	2	-	2	-
Feb. 06	-	-	-	-	4	-	4	-
13	-	-	-	-	8	4	8	4
20	-	-	-	-	30	12	30	12
27	-	-	-	-	127	31	127	31
Mar. 06	5	1	-	-	181	39	186	40
13	7	1	13	-	164	34	184	35
20	12	1	18	1	216	41	246	43
27	24	2	81	4	245	72	350	78
Apr. 03	31	3	137	8	208	70	376	81
10	63	10	227	21	215	104	505	135
17	92	19	300	43	183	63	575	125
24	146	23	343	42	203	58	692	123
May 01	250	48	362	44	203	57	815	149
08	465	91	449	60	181	47	1,095	198
15	677	162	592	79	145	54	1,414	295
22	931	183	623	88	116	35	1,670	306
29	693	166	604	87	102	29	1,399	282
Jun. 05	747	171	715	125	51	11	1,513	307
12	572	145	717	144	41	11	1,330	300
19	691	153	730	129	34	5	1,455	287
26	593	174	703	170	29	3	1,325	347
Jul. 03	446	175	731	205	25	5	1,202	385
10	396	153	536	141	6	2	938	296
17	444	191	726	210	1	5	1,171	406
24	444	196	737	202	-	5	1,181	403
31	412	193	685	207	-	-	1,097	400
Aug. 07	439	182	721	190	-	-	1,160	372
14	389	165	773	198	-	-	1,162	363
21	387	175	828	222	-	-	1,215	397
28	416	175	839	194	-	-	1,255	369
Sep. 04	416	209	647	140	-	-	1,063	349
11	562	248	825	186	-	-	1,387	434
18	952	292	693	129	-	-	1,645	421
25	713	269	582	115	-	-	1,295	384
Oct. 02	665	247	565	84	-	-	1,230	331
09	603	193	634	74	-	-	1,237	267
16	427	114	625	79	-	-	1,052	193
23	201	37	545	62	-	-	746	99
30	31	7	420	24	-	-	451	31
Nov. 06	3	2	334	19	-	-	337	21
13	1	-	212	14	-	-	213	14
20	1	-	117	4	-	-	118	4
27	1	-	46	3	-	-	47	3
Dec. 04	1	-	24	1	-	-	25	1
11	-	-	5	1	-	-	5	1
18	-	-	2	-	-	-	2	-
Total	14,349	4,576	19,466	3,749	2,720	797	36,535	9,122

Source: Valencias Orange Administrative Committee.

PRODUCTION OF TANGERINES

MAJOR PRODUCING COUNTRIES



5-Year Comparison

(Origin: Table 19)

TABLE 19

PRODUCTION OF TANGERINES IN SPECIFIED COUNTRIES
(1981-82 to 1985-86)

Countries	1981-82	1982-83	1983-84	1984-85	1985-86
	1,000 Cartons (37.5 lbs.)				
United States	29,760	28,000	23,000	20,560	19,100
Argentina	15,028	14,380	14,380	14,203	14,026
Australia	1,473	2,122	2,004	1,827	1,827
Brazil	43,257	33,651	31,235	30,056	30,056
Cuba	1,768	2,063	1,179	1,473	1,473
Greece	2,417	2,593	3,418	3,182	3,065
Israel	5,422	5,068	6,129	5,834	6,483
Italy	22,336	19,920	27,699	22,984	26,520
Japan	183,342	190,237	190,885	138,140	170,435
Lebanon	2,063	2,357	2,063	1,768	2,063
Mexico	7,661	6,483	6,601	3,949	7,249
Morocco	17,267	14,439	14,321	14,380	18,623
Spain	49,445	54,219	74,433	55,810	60,996
Turkey	10,313	11,669	13,555	12,906	12,376
U.A.R. (Egypt)	4,302	6,660	6,247	6,129	6,188
Uruguay	1,827	2,063	2,239	2,652	2,947
All Others	118	177	177	236	177
	397,799	396,101	419,565	336,089	383,604

Source: USDA, Foreign, Agricultural Service - Foreign Agriculture Circular.
Crop Reporting Board - Citrus Fruits By States.
Florida Agricultural Statistics - Citrus Summary.

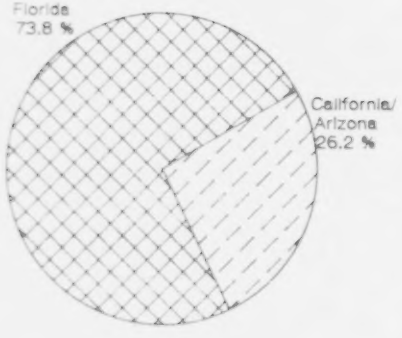
TABLE 20

PRODUCTION AND UTILIZATION OF TANGERINES BY STATES
(1976-77 to 1985-86)

Season	California-Arizona			Florida			Total United States		
	Total	Fresh	Fresh	Total	Fresh	Fresh	Total	Fresh	Fresh
	1,000 Cartons		%	1,000 Cartons		%	1,000 Cartons		%
1976-77	4,940	3,400	69	26,500	12,278	46	31,440	15,678	50
1977-78	4,000	2,460	62	29,700	13,582	46	33,700	16,042	48
1978-79	3,800	2,400	63	28,300	13,510	48	32,100	15,910	50
1979-80	4,800	2,450	51	38,200	16,798	44	43,000	19,248	45
1980-81	5,120	2,320	45	25,200	10,682	42	30,320	13,002	43
1981-82	4,960	3,140	63	24,800	9,070	37	29,760	12,210	41
1982-83	6,500	3,780	58	21,500	9,862	46	28,000	13,642	49
1983-84	6,000	3,640	61	17,000	7,524	44	23,000	11,164	49
1984-85	4,760	3,430	72	15,800	5,574	35	20,560	9,004	44
1985-86	5,000	3,600	72	14,100	5,978	42	19,100	9,578	50

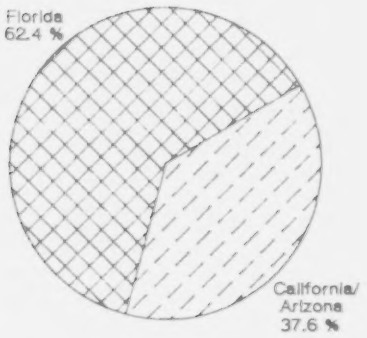
Includes: Temples, Royal Mandarins, Tangelos, Tangors and Honey Tangerines.
Source: USDA, Crop Reporting Board - Citrus Fruits By States; Florida Agricultural Statistics - Citrus Summary; Florida Citrus Mutual - Annual Statistical Report; Florida Annual Statistical Board.

1985-86
U.S. PRODUCTION OF TANGERINES
BY STATE



(Origin: Table 20)

1985-86
TANGERINE FRESH SHIPMENTS
BY STATE



(Origin: Table 20)

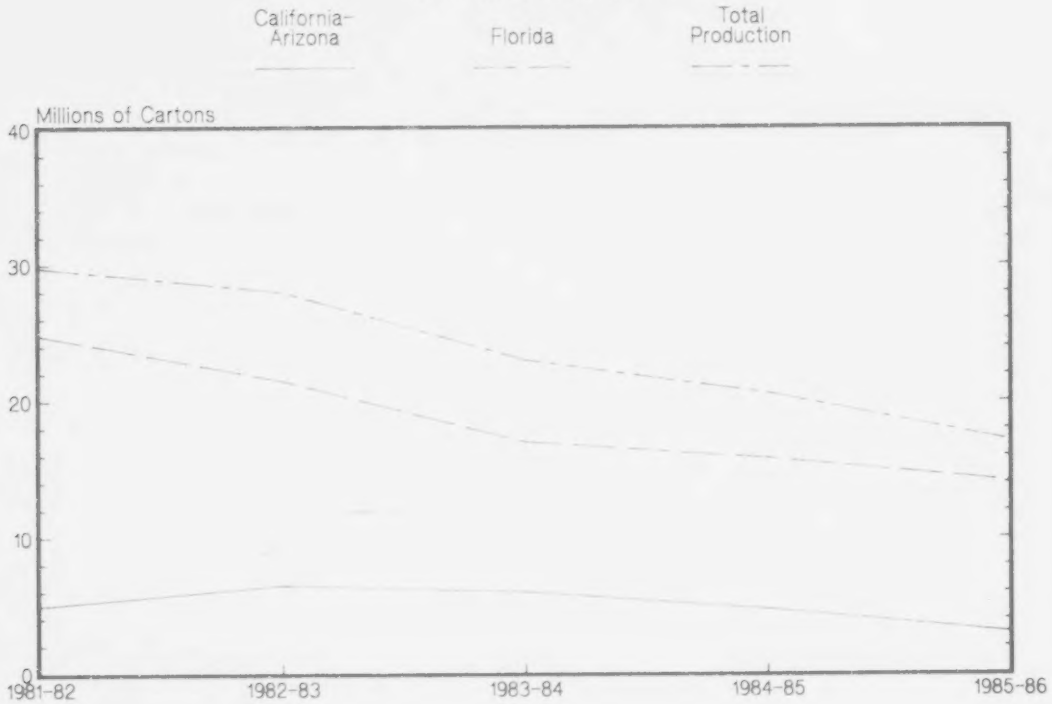
TABLE 21

BEARING ACREAGE AND PRODUCTION OF TANGERINES BY STATES
(1976-77 to 1985-86)

Season	California-Arizona		Florida		Total United States	
	Bearing Acreage	Production	Bearing Acreage	Production	Bearing Acreage	Production
	1,000 Acres	1,000 Cartons	1,000 Acres	1,000 Cartons	1,000 Acres	1,000 Cartons
1976-77(a)	16.3	4,940	65.1	26,500	81.4	31,440
1977-78	13.7	4,000	61.7	29,700	75.4	33,700
1978-79	12.3	3,800	59.3	28,300	71.6	32,100
1979-80	11.7	4,800	58.9	38,200	70.6	43,000
1980-81	11.5	5,120	57.5	25,200	69.0	30,320
1981-82	11.8	4,960	53.5	24,800	65.3	29,760
1982-83	12.4	6,500	50.3	21,500	62.7	28,000
1983-84	12.3	6,000	44.0	17,000	56.0	23,000
1984-85	11.6	4,760	33.6	15,800	45.2	20,560
1985-86	12.0	3,000	28.3	14,100	40.3	17,100

Includes: Temples, Royal Mandarins, Tangelos, Tangors and Honey Tangerines.
(a): No Arizona Acreage survey for 1976-77 Season.
Source: USDA, Crop Reporting Board - Citrus Fruits By States; California Fruit & Nut Acreage; Arizona Fruit & Vegetable Standardization Service; Florida Agricultural Statistics - Citrus Summary.

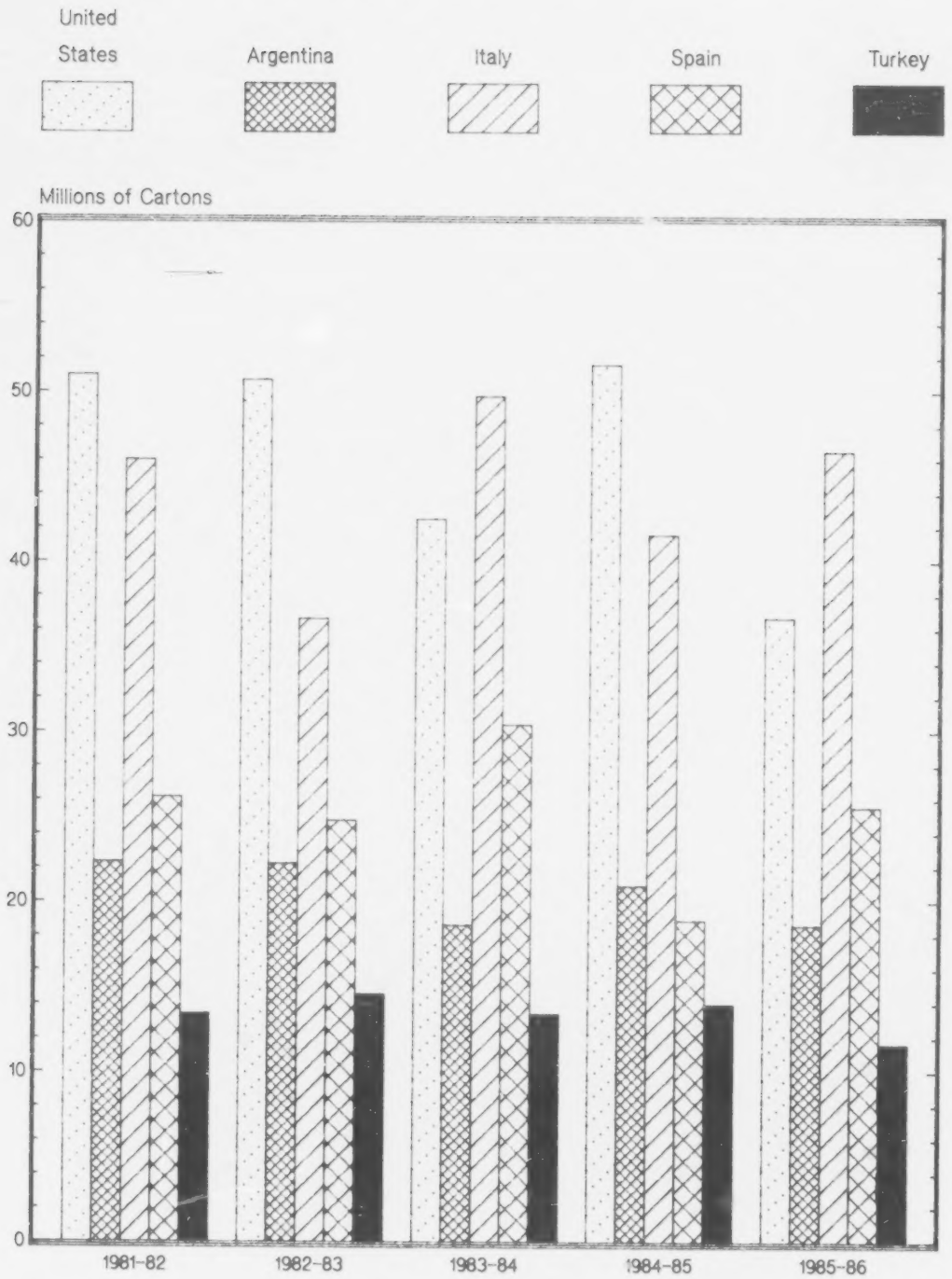
5-YEAR PRODUCTION OF TANGERINES
1981-82 to 1985-86



(Origin: Table 21)

PRODUCTION OF LEMONS

MAJOR PRODUCING COUNTRIES



5-Year Comparison

(Origin: Table 22)

TABLE 22

PRODUCTION OF LEMONS IN SPECIFIED COUNTRIES
(1981-82 to 1985-86)

Countries	1981-82	1982-83	1983-84	1984-85	1985-86
	1,000 Cartons (38 lbs.)				
United States	51,000	50,700	42,500	51,600	36,700
Argentina	22,333	22,216	18,611	20,937	18,611
Australia	2,094	1,687	2,675	2,617	2,559
Chile	3,606	4,071	3,489	4,071	3,780
Cyprus	2,501	2,501	2,617	2,443	2,617
Greece	11,632	9,596	10,934	9,014	10,468
Israel	4,129	4,362	3,431	3,489	3,489
Italy	46,003	36,640	49,725	41,583	46,526
Lebanon	2,036	2,908	2,326	1,745	2,036
Morocco	233	523	872	1,047	1,047
Spain	26,171	24,775	30,417	18,901	25,589
South Africa	2,792	2,675	2,792	3,257	3,664
Turkey	13,376	14,540	13,376	13,958	11,632
Uruguay	1,047	1,279	1,454	2,268	2,326
All Others	1,629	1,629	1,803	1,919	1,570
Total	190,582	180,102	187,022	178,849	172,614

Source: USDA, Foreign Agricultural Service - Foreign Agriculture Circular; Crop Reporting Board - Citrus Fruits By States; Florida Agricultural Statistics - Florida Citrus.

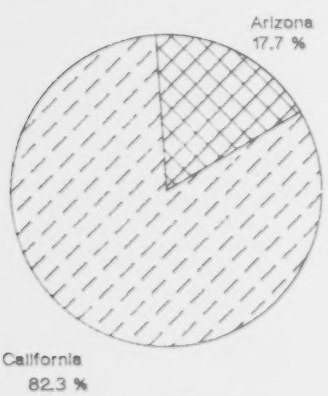
TABLE 23

PRODUCTION AND UTILIZATION OF CALIFORNIA AND ARIZONA LEMONS
(1976-77 to 1985-86)

Season	California			Arizona			Total California-Arizona		
	Total	Fresh	Fresh	Total	Fresh	Fresh	Total	Fresh	Fresh
	Million Cartons		%	Million Cartons		%	Million Cartons		%
1976-77	42.0	22.0	52	10.0	4.2	42	52.0	26.2	50
1977-78	40.6	19.8	49	11.6	4.6	40	52.2	24.4	47
1978-79	28.2	18.3	65	11.0	5.6	51	39.2	23.9	61
1979-80	35.4	18.2	52	6.1	3.2	52	41.5	21.4	52
1980-81	48.6	18.3	38	14.0	4.5	32	62.6	22.8	36
1981-82	37.0	15.9	43	12.6	5.2	41	49.6	21.1	43
1982-83	40.6	18.5	46	10.1	4.8	48	50.7	23.3	46
1983-84	34.5	18.5	54	8.0	4.6	58	42.5	26.5	62
1984-85	39.6	18.7	47	12.0	4.8	40	51.6	23.5	46
1985-86	30.2	19.0	63	6.5	4.0	62	36.7	23.0	63

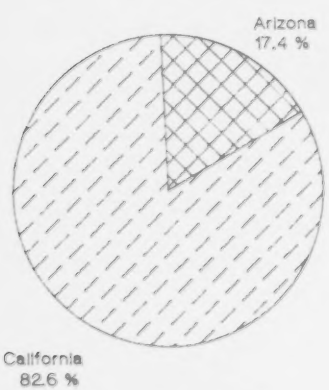
Source: USDA, Crop Reporting Board - Citrus Fruits By States.

1985-86
U.S. PRODUCTION OF LEMONS
California & Arizona Only



(Origin: Table 23)

1985-86
FRESH LEMON SHIPMENTS
California & Arizona Only



(Origin: Table 23)

TABLE 24

UTILIZATION AND AVERAGE ON-TREE PRICES
For California - Arizona Lemons
(1976-77 to 1985-86)

Season	California						Arizona						Total California-Arizona					
	Utilization			On-Tree Prices			Utilization			On-Tree Prices			Utilization			On-Tree Prices		
	Fresh	Prod.	Total	Fresh	Prod.	Total	Fresh	Prod.	Total	Fresh	Prod.	Total	Fresh	Prod.	Total	Fresh	Prod.	Total
	Million Cartons			Dollars Per Carton			Million Cartons			Dollars Per Carton			Million Cartons			Dollars Per Carton		
1976-77	22.0	20.0	42.0	2.10	-0.48	0.88	4.2	5.8	10.0	2.18	-0.48	0.64	26.2	25.8	52.0	2.11	-0.48	0.83
1977-78	19.8	20.8	40.6	3.29	-0.52	1.34	4.6	7.0	11.6	2.15	-0.68	0.44	24.4	27.8	52.2	3.07	-0.56	1.14
1978-79	18.3	9.9	28.2	4.72	-0.50	2.89	5.6	5.4	11.0	2.17	-0.49	0.87	23.9	15.3	39.2	4.12	-0.50	2.32
1979-80	18.2	17.2	35.4	4.50	0.51	2.57	3.2	2.9	6.1	4.95	-0.02	2.57	21.4	20.1	41.5	4.57	0.43	2.57
1980-81	18.3	30.3	48.6	3.11	-0.17	1.07	4.5	9.5	14.0	2.15	-0.12	0.61	22.8	39.8	62.6	2.92	-0.16	0.97
1981-82	15.9	21.1	37.0	3.82	-1.45	0.82	5.2	7.4	12.6	2.57	-1.45	0.20	21.1	28.5	49.6	3.52	-1.45	0.66
1982-83	18.5	22.1	40.6	3.10	-1.47	0.98	4.8	5.3	10.1	2.97	-1.46	0.65	23.3	27.4	50.7	3.07	-1.47	0.62
1983-84	18.5	16.0	34.5	4.08	-1.03	1.71	4.6	3.4	8.0	2.54	-1.56	0.79	23.1	19.4	42.5	3.36	-1.55	1.12
1984-85	18.7	20.9	39.6	5.29	-0.53	2.22	4.8	7.2	12.0	3.37	-0.95	0.77	23.5	28.1	51.6	4.90	-0.64	1.88
1985-86	19.0	11.2	30.2	7.26	-0.76	4.29	4.0	2.5	6.5	10.43	-0.66	6.16	23.0	13.7	36.7	7.81	-0.74	4.62

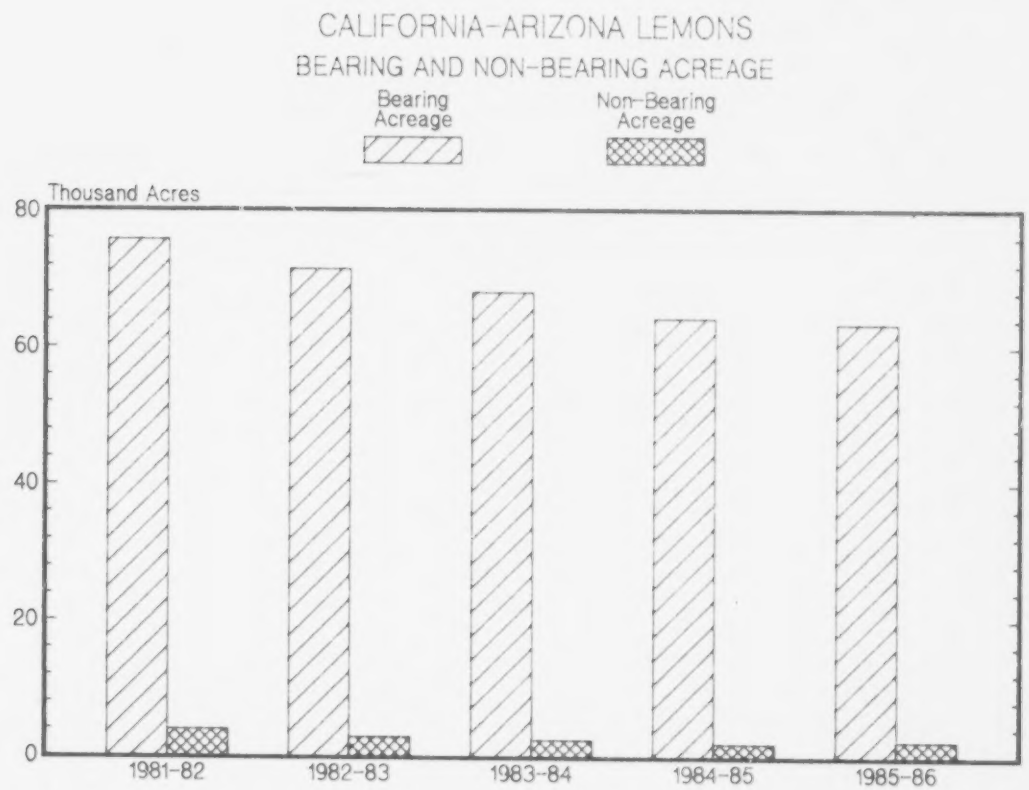
Source: USDA, Crop Reporting Board - Citrus Fruits By States; Agricultural Prices

TABLE 25

BEARING AND NON-BEARING ACREAGE OF CALIFORNIA AND ARIZONA LEMONS
(1976-77 to 1985-86)

Season	California			Arizona			Total California-Arizona		
	Bearing	Non-Bearing	Total	Bearing	Non-Bearing	Total	Bearing	Non-Bearing	Total
	1,000 Acres								
1976-77(a)	47.9	16.6	64.5	20.3	6.7	27.0	68.2	23.3	91.5
1977-78	49.0	12.4	61.4	20.9	2.3	23.2	69.9	14.7	84.6
1978-79	50.3	6.9	57.2	18.6	0.2	18.8	68.9	7.1	76.0
1979-80	49.8	7.7	57.5	20.3	0.1	20.4	70.1	7.8	77.9
1980-81	52.7	6.1	58.8	19.2	-	19.2	71.9	6.1	78.0
1981-82	54.2	3.8	58.0	21.6	0.1	21.7	75.8	3.9	79.7
1982-83	52.0	2.7	54.7	19.5	0.1	19.6	71.5	2.8	74.3
1983-84	51.4	2.2	53.7	16.7	0.1	16.8	68.1	2.4	70.5
1984-85	49.6	1.8	51.4	14.7	0.1	17.1	64.3	1.9	68.5
1985-86	48.7	2.1	50.8	14.8	0.2	15.0	63.5	2.3	65.8

(a): No Arizona Acreage survey for 1976-77 Season.
Source: California Fruit & Nut Acreage; Arizona Fruit & Vegetable Standardization Service. Starting 1973-74 Arizona non-bearing acreage taken from the Lemon Administration Committee surveys.



(Origin: Table 25)

TABLE 26

BEARING ACREAGE, PRODUCTION AND ON-TREE PRICES FOR FLORIDA LEMONS
(1977 to 1986)

Year	True Lemons			Meyer Lemons			All Lemons		
	Bearing Acres	Production	Price Per Carton	Bearing Acres	Production	Price Per Carton	Bearing Acres	Production	Price Per Carton
	1,000 Acres	1,000 Cartons	Dollars	1,000 Acres	1,000 Cartons	Dollars	1,000 Acres	1,000 Cartons	Dollars
1977	3.7	400	2.28	1.4	380	0.78	5.1	780	1.53
1978	3.5	740	2.63	1.4	660	0.80	4.9	1,400	1.75
1979	3.9	1,540	4.45	1.3	960	1.25	5.2	2,500	3.23
1980	3.8	1,700	3.95	1.3	1,260	1.98	5.1	2,960	3.10
1981	3.7	1,740	3.35	1.3	680	1.10	5.0	2,420	2.73
1982	2.0	280	6.65	1.2	1,160	1.00	3.2	1,440	2.10
1983	1.6	910	4.50	0.7	110	0.40	2.3	1,020	4.05
1984	1.6	970	NA	0.5	130	NA	2.1	1,100	3.00
1985	1.3	550	NA	0.1	110	NA	1.4	660	8.30
1986	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA: Not Available.
Source: Florida Crop and Livestock Reporting Service - Florida Citrus.

TABLE 27

BEARING ACREAGE, PRODUCTION AND ON-TREE PRICES FOR FLORIDA LIMES
(1976-77 to 1985-86)

Season	Bearing Acreage 1,000 Acres	Utilization of Production			On-Tree Prices Per Carton
		Total	Fresh	Processed	
		1,000 Cartons			
1976-77	4.5	2,000	1,028	972	4.30
1977-78	3.8	920	680	240	7.86
1978-79	4.1	1,440	962	478	6.22
1979-80	4.7	2,200	1,244	956	4.09
1980-81	5.3	2,400	1,394	1,006	3.29
1981-82	6.4	2,600	1,250	1,350	3.94
1982-83	7.3	3,400	1,950	1,450	4.20
1983-84	7.0	2,880	1,650	1,230	3.64
1984-85	6.7	3,280	2,050	1,230	3.64
1985-86	6.7	2,900	1,760	1,140	4.83

Source: Florida Crop and Livestock Reporting Service - Citrus Summary.

TABLE 28

FRESH SHIPMENTS, F.O.B. PRICE AND AVERAGE SIZE
For California-Arizona Lemons
(1976-77 to 1985-86)

Nov-April	Winter Lemons			May-Oct.	Summer Lemons			All Lemons
	Commercial Fresh Shipments	F.O.B. Price	Average Size		Commercial Fresh Shipments	F.O.B. Price	Average Size	Average Size
	Million Cartons	Dollars Per Ctn.	Lemons Per Ctn.		Million Cartons	Dollars Per Ctn.	Lemons Per Ctn.	Lemons Per Ctn.
1976-77	11.2	4.53	143	1977	14.6	5.65	145	144
1977-78	11.5	5.11	141	1978	13.3	8.48	143	142
1978-79	11.9	6.56	141	1979	9.6	14.72	139	140
1979-80	10.4	7.49	136	1980	11.4	9.33	139	137
1980-81	11.5	6.16	140	1981	11.3	9.10	142	141
1981-82	11.0	7.01	141	1982	9.7	11.05	141	141
1982-83	11.0	6.89	142	1983	11.7	10.06	140	141
1983-84	11.5	6.49	142	1983	11.0	12.33	142	142
1984-85	12.0	8.04	141	1985	10.2	15.87	141	141
1985-86	11.5	10.21	138	1986	11.4	9.86	138	138

Source: Lemon Administrative Committee; Sunkist Growers, Inc.

TABLE 29

COST OF PRODUCING AND MARKETING CALIFORNIA-ARIZONA PACKED LEMONS
(1976-77 to 1985-86)

	Production	Bearing Acreage	Cartons Per Acre	Cultural Cost	Picking and Hauling	Packing	Selling and Advertising	Trans to New York
	1,000 Cartons	Acres	Cartons	Dollars Per Packed Equivalent Carton				
1976-77	52,000	68,261(a)	762	1.84	1.00	1.77	0.37	1.51
1977-78	52,200	69,850	747	NA	1.16	2.04	0.32	1.62
1978-79	39,200	68,899	569	3.02	1.22	2.23	0.27	1.76
1979-80	41,500	70,016	593	3.07	1.25	2.28	0.37	1.88
1980-81	62,600	71,907	870	3.18	1.38	2.62	0.42	1.72
1981-82	49,600	75,856	654	4.02	1.36	3.07	0.46	1.82
1982-83	50,700	71,460	710	3.76	1.48	3.28	0.48	1.92
1983-84	42,500	68,132	624	4.70	1.37	3.21	0.49	2.65
1984-85	51,600	64,324	802	3.43	1.33	3.11	0.42	2.60
1985-86	36,700	63,542	578	4.75	1.37	3.13	0.46	2.75

(a): No Arizona Acreage survey for 1976-77 Season.
NA: Not Available.
Source: USDA, Crop Reporting Board - Citrus Fruits By States; California Fruit & Nut Acreage; Arizona Fruit & Vegetable Standardization Service; California-Arizona Citrus League; Sunkist Growers, Inc.; UCR; UAT.

TABLE 30

CALIFORNIA-ARIZONA LEMON SHIPMENTS, PICKS AND STORAGE, BY MONTHS
(1976-77 to 1985-86)

Season	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Total
	1,000 Cartons												
	FRESH SHIPMENTS												
1976-77	1,756	1,584	1,681	1,432	2,154	2,508	2,889	3,077	2,999	2,308	1,674	1,779	25,841
1977-78	1,669	1,747	1,776	1,723	2,171	2,371	2,444	2,522	2,227	2,780	1,668	1,670	24,768
1978-79	2,255	1,818	1,730	1,632	2,251	2,257	2,074	1,935	1,634	1,399	1,108	1,347	21,440
1979-80	1,657	1,726	1,672	1,603	1,921	1,914	2,357	2,382	2,021	1,419	1,482	1,971	22,125
1980-81	1,871	1,724	1,861	1,741	2,244	2,117	2,348	2,423	2,197	1,526	1,213	1,638	22,903
1981-82	1,793	1,767	1,835	1,574	2,065	1,965	1,872	1,831	1,672	1,390	1,321	1,658	20,743
1982-83	1,683	1,870	1,813	1,710	2,013	1,931	2,338	2,499	2,043	1,646	1,263	1,889	22,700
1983-84	1,809	1,931	1,712	1,794	2,230	1,988	2,117	2,155	1,759	1,637	1,358	1,806	22,296
1984-85	1,652	1,877	1,961	2,066	2,320	2,156	2,262	2,118	1,840	1,191	1,157	1,659	22,259
1985-86	1,605	1,716	2,005	1,828	2,131	2,241	2,338	2,233	2,478	1,808	1,862	1,769	24,014
	PICKS												
1976-77	4,051	4,580	3,941	5,538	7,202	5,598	4,201	5,096	2,882	1,486	1,913	3,225	49,713
1977-78	4,663	3,586	4,742	6,972	7,060	5,509	6,133	3,103	1,890	2,294	2,513	3,406	51,871
1978-79	5,143	3,488	4,112	4,428	3,756	4,330	2,572	1,184	945	1,082	1,206	2,451	34,697
1979-80	3,071	3,389	4,130	5,102	5,795	6,417	3,814	2,964	2,207	1,250	2,010	4,770	44,919
1980-81	4,632	6,310	5,810	7,626	6,842	9,905	5,950	4,053	2,630	1,137	2,991	4,006	61,892
1981-82	4,895	6,489	5,244	6,308	4,933	5,087	3,789	2,959	1,548	1,162	3,158	3,410	48,982
1982-83	3,344	5,548	4,051	4,468	5,060	5,487	6,482	4,694	1,969	1,386	1,912	3,528	47,929
1983-84	2,843	4,842	4,922	5,259	5,758	3,692	3,687	1,986	942	966	2,048	4,465	41,410
1984-85	3,344	3,709	7,704	7,169	6,096	5,668	4,566	2,651	1,961	645	1,510	3,120	48,151
1985-86	2,075	3,055	5,074	3,221	3,795	5,508	3,307	3,083	3,108	2,155	2,408	4,360	41,149
	STORAGE												
1976-77	2,169	2,558	2,693	3,965	4,948	6,042	6,086	5,498	3,998	2,165	1,062	1,182	
1977-78	1,658	1,913	2,003	3,373	3,689	3,526	3,533	3,127	2,486	1,526	1,025	1,275	
1978-79	1,707	2,005	1,876	2,304	3,217	3,642	3,651	2,553	1,777	1,020	721	878	
1979-80	1,458	2,302	2,461	3,526	4,507	5,332	4,816	3,930	2,986	1,707	1,126	1,385	
1980-81	1,981	2,404	3,103	3,888	4,262	5,005	5,277	4,434	2,734	1,149	1,068	1,622	
1981-82	1,909	2,348	2,731	3,209	3,298	3,577	3,932	3,347	2,208	1,128	953	1,636	
1982-83	1,633	1,968	2,831	3,113	3,006	3,892	4,037	4,197	5,037	1,710	957	1,360	
1983-84	1,660	1,974	3,281	4,264	4,902	4,984	4,831	4,624	3,022	1,735	1,293	1,622	
1984-85	1,788	2,054	3,674	5,009	5,355	5,172	4,998	3,944	2,810	1,670	875	1,294	
1985-86	1,493	1,775	3,037	3,619	3,871	4,775	5,341	5,223	4,687	3,554	2,766	2,776	

Source: Lemon Administrative Committee.

TABLE 31

CALIFORNIA-ARIZONA LEMON SHIPMENTS AND PICKS, BY WEEKS
(1985-86 Season)

Week Through	Fresh	Processed*	Total	Picks
	Carloads of 1,000 Cartons Each			
Aug. 10, 1985	309	136	445	188
17	301	154	455	168
24	293	148	441	141
31	288	155	443	148
Sep. 07	226	130	356	234
14	267	144	411	393
21	237	149	386	370
28	329	138	467	514
Oct. 05	345	112	457	563
12	369	116	485	507
19	397	143	540	700
26	365	151	516	676
Nov. 02	392	173	565	675
09	382	149	531	651
16	400	219	619	477
23	345	226	571	703
30	367	195	562	244
Dec. 07	400	211	611	714
14	397	308	705	787
21	355	309	664	951
28	378	204	582	603
Jan. 04, 1986	434	206	640	772
11	414	258	672	1,120
18	485	295	780	1,213
25	478	305	783	1,191
Feb. 01	444	329	773	778
08	449	295	744	984
15	452	356	808	637
22	441	212	653	379
Mar. 01	493	386	879	1,204
08	485	385	870	1,117
15	439	228	667	145
22	459	267	726	1,213
29	528	365	893	1,319
Apr. 05	525	412	937	1,239
12	531	352	883	1,003
19	513	403	916	1,267
26	487	376	863	1,023
May, 03	544	373	917	976
10	528	376	904	937
17	540	378	918	859
24	553	358	911	797
31	507	276	783	713
Jun. 07	547	307	854	816
14	503	290	793	746
21	509	273	782	789
28	530	297	827	732
Jul. 05	503	278	781	566
12	531	242	773	693
19	550	271	821	672
26	556	305	861	605
Aug. 02	482	305	787	571
TOTAL	22,582	13,429	36,011	37,483

*: Includes 1,478 Carloads reported eliminated as rots.
Source: Lemon Administrative Committee.

TABLE 32

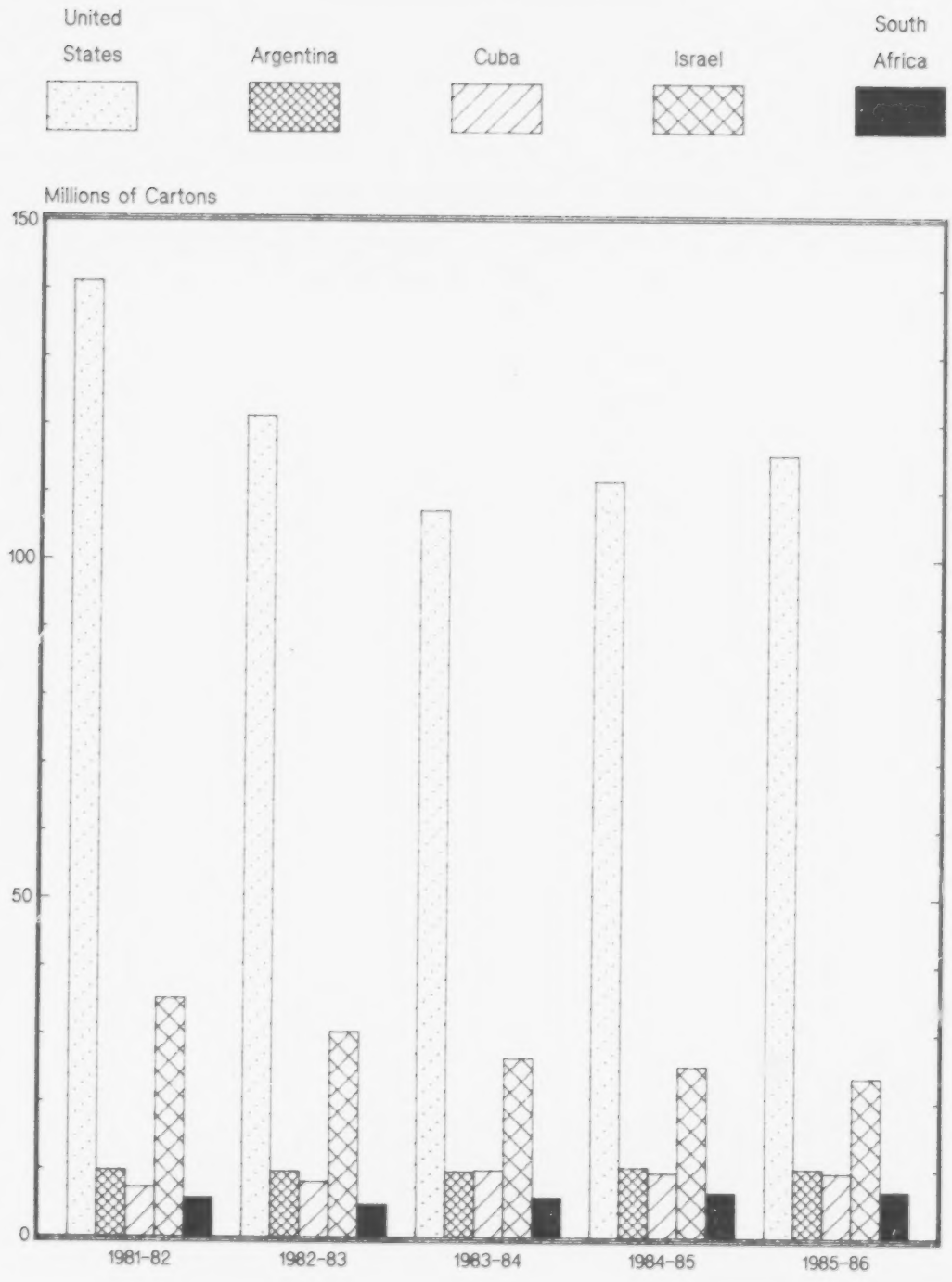
CALIFORNIA-ARIZONA ESTIMATED LEMON STORAGE BY DISTRICTS
(1985-86 Season)

Storage Date	District 1 Central	District 2 South	District 3 Desert	Total
	Carloads of 1,000 Cartons Each			
Aug. 17, 1985	30	1,608	64	1,702
31	30	897	139	1,066
Sept. 14	22	384	466	872
28	22	82	775	879
Oct. 12	22	131	971	1,124
26	58	114	1,275	1,447
Nov. 09	295	112	1,227	1,634
23	455	217	1,013	1,685
Dec. 07	332	343	784	1,459
21	378	921	609	1,908
Jan. 04, 1986	373	1,177	512	2,062
18	658	1,828	556	3,042
Feb. 01	703	2,259	512	3,474
15	615	2,653	330	3,598
Mar. 01	605	2,852	183	3,640
15	491	2,825	59	3,375
29	582	3,758	26	4,366
Apr. 12	494	4,326	-	4,820
26	454	4,815	-	5,269
May 10	392	5,014	-	5,406
24	249	5,026	-	5,275
Jun. 07	139	5,086	-	5,225
21	67	5,148	5	5,220
Jul. 05	26	4,929	13	4,968
19	23	4,722	20	4,765
Aug. 02	10	4,163	153	4,326

Source: Lemon Administrative Committee.

PRODUCTION OF GRAPEFRUIT

MAJOR PRODUCING COUNTRIES



5-YEARS COMPARISON

(Origin: Table 33)

TABLE 33

PRODUCTION OF GRAPEFRUIT IN SPECIFIED COUNTRIES
(1981-82 to 1985-86)

Countries	1981-82	1982-83	1983-84	1984-85	1985-86
	1,000 Cartons (33.5 lbs.)				
United States	141,100	121,200	107,220	111,600	115,540
Argentina	9,764	9,698	9,698	10,357	10,225
Australia	2,111	2,045	1,979	2,177	2,177
Brazil	660	2,309	2,309	2,309	2,309
Cuba	7,257	8,246	9,896	9,566	9,566
Cyprus	5,607	5,937	6,465	5,871	6,135
Israel	35,228	30,346	26,520	25,267	23,749
Lebanon	1,649	1,649	1,319	1,319	1,319
Mexico	7,587	6,597	5,146	3,496	5,410
South Africa	5,739	4,816	5,871	6,729	6,927
Turkey	1,319	1,715	1,649	1,385	1,319
All Others	3,232	3,760	3,694	2,969	3,694
Total	221,253	198,318	181,766	183,045	188,370

Source: USDA, Foreign Agricultural Service - Foreign Agriculture Circular, Crop Reporting Board - Citrus Fruits By States.

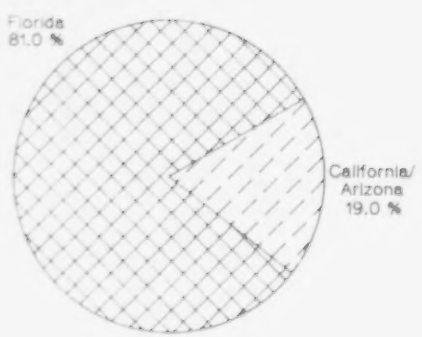
TABLE 34

PRODUCTION AND UTILIZATION OF GRAPEFRUIT, BY STATES
(1976-77 to 1985-86)

Season	California-Arizona			Florida			Texas			Total U.S.		
	Total	Fresh	Fresh	Total	Fresh	Fresh	Total	Fresh	Fresh	Total	Fresh	Fresh
	Million	Cartons	%	Million	Cartons	%	Million	Cartons	%	Million	Cartons	%
1976-77	21.4	11.4	53	103.0	32.8	32	24.8	13.0	52	149.2	57.2	38
1977-78	22.7	11.3	50	102.8	36.1	35	23.8	13.2	55	149.3	60.6	41
1978-79	16.8	9.5	57	100.0	39.6	40	18.0	8.0	44	134.8	57.1	42
1979-80	21.0	9.6	46	109.6	39.0	36	15.8	8.4	53	146.4	57.0	39
1980-81	21.7	12.2	56	100.6	34.3	34	13.4	9.3	69	135.7	55.8	41
1981-82	17.1	9.6	56	96.2	33.4	35	27.8	14.5	52	141.1	57.5	41
1982-83	20.0	12.1	60	78.8	36.6	46	22.4	15.6	70	121.2	64.3	53
1983-84	19.0	12.3	65	81.8	33.3	41	6.4	5.7	89	100.8	45.6	45
1984-85	23.6	16.3	70	88.0	30.0	34	(a)	(a)	(a)	112.0	46.3	41
1985-86	21.6	14.9	69	93.5	39.2	42	0.44	0.40	91	115.5	54.5	47

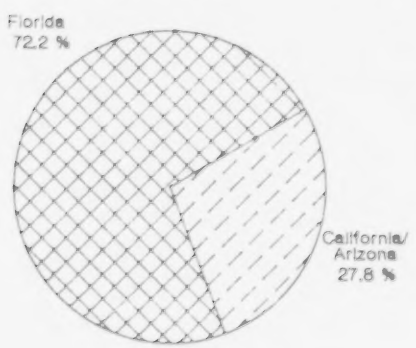
(a) Due to December 1983 Freeze no commercial supplies were harvested.
Source: USDA, Crop Reporting Board - Citrus Fruits By States.

1985-86
U.S. PRODUCTION OF GRAPEFRUIT
BY STATE



(Origin: Table 34)

1985-86
FRESH GRAPEFRUIT SHIPMENTS
BY STATE



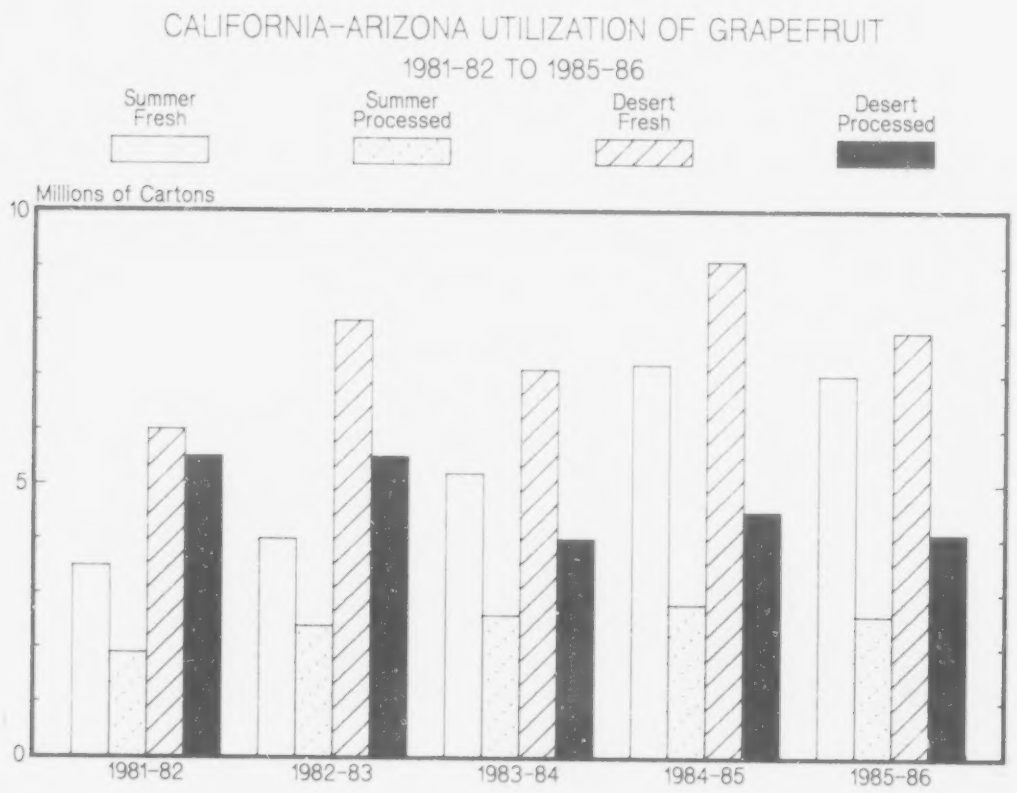
(Origin: Table 34)

TABLE 35

PRODUCTION AND UTILIZATION OF CALIFORNIA-ARIZONA GRAPEFRUIT
(1976-77 to 1985-86)

Season	California Summer			California-Arizona Desert			Total California-Arizona		
	Total	Fresh	Processed	Total	Fresh	Processed	Total	Fresh	Processed
	1,000 Cartons								
1976-77	6,400	4,000	2,400	15,000	7,370	7,630	21,400	11,370	10,030
1977-78	8,320	5,120	3,200	14,400	6,160	8,240	22,720	11,280	11,440
1978-79	5,740	3,560	2,180	11,020	5,920	5,100	16,760	9,480	7,280
1979-80	6,600	3,440	3,160	14,400	6,120	8,280	21,000	9,560	11,440
1980-81	7,600	4,360	3,240	14,120	7,820	6,300	21,720	12,180	9,540
1981-82	5,500	3,560	1,940	11,600	6,070	5,530	17,100	9,630	7,470
1982-83	6,400	4,000	2,400	13,600	8,080	5,520	20,000	12,080	7,920
1983-84	7,800	5,200	2,600	11,220	7,130	4,090	19,020	12,330	6,690
1984-85	10,000	7,200	2,800	13,600	9,100	4,500	23,600	16,300	7,300
1985-86	9,600	7,000	2,600	12,000	7,880	4,120	21,600	14,880	6,720

Source: USDA, Crop Reporting Board - Citrus Fruits By States.



(Origin: Table 35)

TABLE 36

UTILIZATION AND AVERAGE ON-TREE PRICES
(For California-Arizona Grapefruit
1976-77 to 1985-86

Season	California Summer Grapefruit						California-Arizona Desert Grapefruit					
	Utilization			On-Tree Prices			Utilization			On-Tree Prices		
	Fresh	Products	Total	Fresh	Products	Total	Fresh	Products	Total	Fresh	Products	Total
	Million Cartons			Dollars Per Carton			Million Cartons			Dollars Per Carton		
1976-77	4.0	2.4	6.4	1.69	-0.31	0.94	7.4	7.6	15.0	1.24	-0.21	0.50
1977-78	5.1	3.2	8.3	3.11	-0.34	1.78	6.2	8.2	14.4	1.31	-0.34	0.37
1978-79	3.5	2.2	5.7	4.33	-0.40	2.53	5.9	5.1	11.0	2.27	-0.30	1.08
1979-80	3.4	3.2	6.6	2.73	-0.29	1.28	6.1	8.3	14.4	1.86	-0.21	0.67
1980-81	4.4	3.2	7.6	3.36	-0.35	1.77	7.8	6.3	14.1	2.77	-0.11	1.48
1981-82	3.6	1.9	5.5	1.99	-0.66	1.07	6.1	5.5	11.6	1.91	-0.65	0.70
1982-83	4.0	2.4	6.4	2.50	-0.65	1.32	8.1	5.5	13.6	1.53	-0.66	0.66
1983-84	5.2	2.6	7.8	2.67	-0.77	1.52	7.1	4.1	11.2	2.45	-0.76	1.28
1984-85	7.2	2.8	10.0	4.15	-0.25	2.92	9.1	4.5	13.6	3.71	-0.19	2.42
1985-86	7.0	2.6	9.6	4.20	-0.29	2.98	7.9	4.1	12.0	3.63	-0.31	2.23

Source: USDA, Crop Reporting Board - Citrus Fruits By States; Agricultural Prices.

TABLE 37

UTILIZATION AND AVERAGE ON-TREE PRICES
For Florida and Texas Grapefruit
(1976-77 to 1985-86)

Season	Florida						Texas					
	Utilization			On-Tree Prices			Utilization			On-Tree Prices		
	Fresh	Products	Total	Fresh	Products	Total	Fresh	Products	Total	Fresh	Products	Total
	Million Cartons			Dollars Per Carton			Million Cartons			Dollars Per Carton		
1976-77	32.8	70.2	103.0	1.30	0.55	0.79	13.0	11.8	24.8	0.34	0.37	0.67
1977-78	36.1	66.7	102.8	1.18	0.63	0.82	13.2	10.8	23.8	0.61	0.31	0.48
1978-79	39.6	60.4	100.0	1.62	0.94	1.21	8.0	10.0	18.0	1.00	0.33	0.63
1979-80	39.0	70.6	109.6	2.08	1.43	1.66	8.4	7.4	15.8	1.59	0.96	1.30
1980-81	34.3	66.3	100.6	2.63	1.38	1.80	9.3	4.1	13.4	1.85	1.16	1.64
1981-82	33.4	62.8	96.2	2.24	0.41	1.05	14.5	13.3	27.8	1.37	0.49	0.95
1982-83	36.6	42.2	78.8	1.81	0.26	0.98	15.6	6.8	22.4	0.88	0.07	0.63
1983-84	33.3	48.5	81.8	2.10	0.85	1.36	5.7	0.7	6.4	1.12	0.12	1.01
1984-85	30.0	58.0	88.0	2.81	1.33	1.83	(a)	(a)	(a)	-	-	-
1985-86	39.2	54.3	93.5	2.60	1.55	1.99	0.4	0.04	0.44	4.47	1.77	4.22

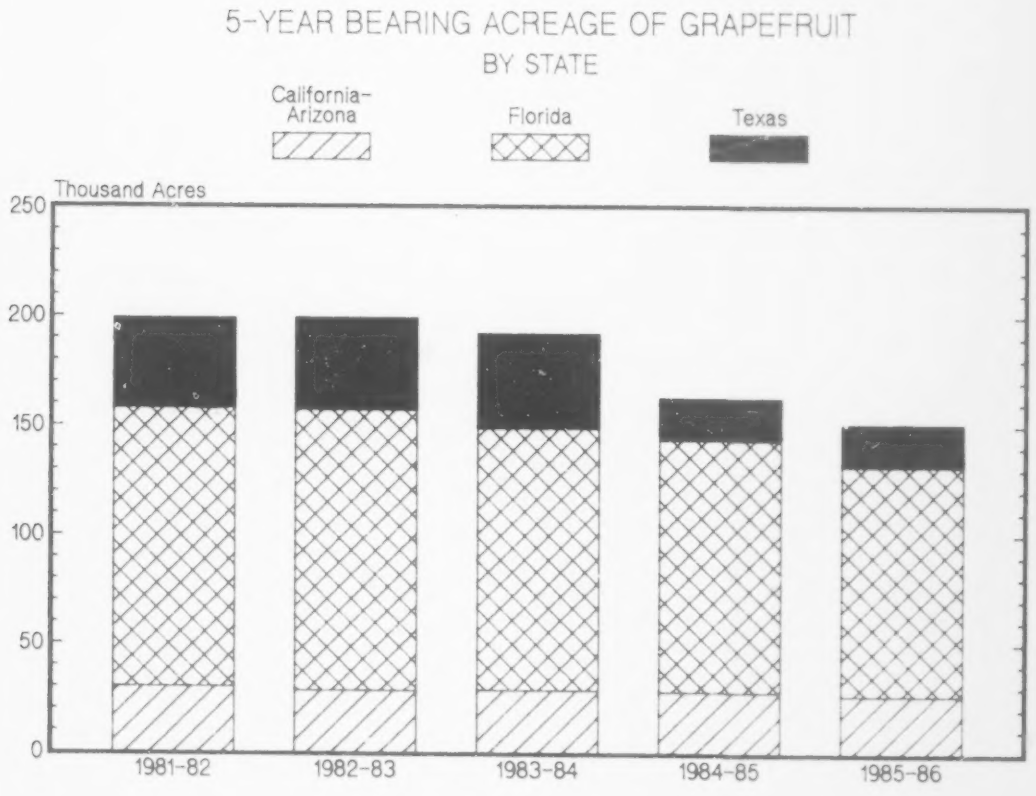
(a) Due to December 1983 Freeze No Commercial Supplies
Source: USDA, Crop Reporting Board - Citrus Fruits By States. Florida Agricultural Statistics - Citrus Summary.

TABLE 38

BEARING ACREAGE OF GRAPEFRUIT, BY STATES
(1976-77 to 1985-86)

Season	Arizona	California Desert	Total California Arizona Desert	California Summer	Total California Arizona	Florida	Texas	Total United States
	Acres							
1976-77(a)	10,217	9,513	19,730	7,130	26,860	119,300	35,100	181,260
1977-78	10,823	9,393	20,216	7,990	28,206	120,300	35,100	183,606
1978-79	8,890	9,851	18,741	9,720	28,461	124,600	39,800	192,861
1979-80	8,438	10,317	18,755	11,010	29,765	126,400	39,800	195,965
1980-81	8,113	10,108	18,221	11,720	29,941	125,600	41,481	197,022
1981-82	8,158	10,415	18,573	11,580	30,153	127,800	41,076	199,029
1982-83	6,769	9,914	16,683	11,792	28,475	128,600	42,166	199,241
1983-84	6,760	10,284	17,044	11,573	28,617	120,100	43,256	191,973
1984-85	7,118	9,674	16,792	11,401	28,193	115,500	19,110	162,803
1985-86	5,732	9,387	15,219	11,485	26,604	105,200	19,110	150,914

(a): No Arizona Acreage survey for 1976-77 Season.
Source: California Fruit & Nut Statistics; Arizona Fruit & Vegetable Standardization Service; Florida Agricultural Statistics - Citrus Summary. USDA - Citrus Fruits.



(Origin: Table 38)

TABLE 39

COST OF PRODUCING AND MARKETING CALIFORNIA-ARIZONA GRAPEFRUIT
(1976-77 to 1985-86)

Season	California Summer					California-Arizona Desert				
	Cultural Cost	Picking and Hauling	Packing	Selling and Advertising	Total Cost	Cultural Cost	Picking and Hauling	Packing	Selling and Advertising	Total Cost
	Dollars Per Packed Equivalent Carton									
1976-77	2.66	0.48	1.13	0.27	4.54	1.27	0.45	1.30	0.27	3.29
1977-78	NA	0.49	1.22	0.23	NA	NA	0.53	1.35	0.22	NA
1978-79	2.88	0.55	1.28	0.24	4.95	2.02	0.56	1.43	0.24	4.25
1979-80	3.04	0.58	1.41	0.29	5.32	1.57	0.61	1.48	0.29	3.95
1980-81	4.06	0.66	1.47	0.30	6.49	2.32	0.69	1.56	0.28	4.85
1981-82	5.31	0.65	1.73	0.34	8.03	2.85	0.68	1.68	0.36	5.57
1982-83	4.85	0.70	1.90	0.36	7.81	2.30	0.73	1.82	0.39	5.24
1983-84	4.23	0.75	1.99	0.38	7.35	2.97	0.74	1.97	0.40	6.08
1984-85	3.78	0.66	2.07	0.44	6.95	1.98	0.75	1.98	0.31	5.02
1985-86	NA	0.69	2.12	0.47	NA	NA	0.80	2.07	0.35	NA

NA: Not Available
Source: California-Arizona Citrus League; Sunkist Growers, Inc.; UCR: UAI.

TABLE 40

COMMERCIAL FRESH SHIPMENTS, BY MONTHS
FOR CALIFORNIA-ARIZONA GRAPEFRUIT
(1976-77 to 1985-86)

Season	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Total
	1,000 Cartons												
1976-77	272	328	649	478	582	739	1,464	2,000	1,595	1,360	1,177	194	10,838
1977-78	368	281	451	481	561	957	1,801	2,150	1,511	1,118	219	373	10,271
1978-79	343	206	481	550	785	1,072	1,721	914	903	930	551	22	8,478
1979-80	216	175	289	283	373	815	1,662	2,337	1,904	1,340	765	38	10,197
1980-81	307	215	714	584	973	1,416	2,039	1,575	1,291	1,004	887	89	11,094
1981-82	168	224	706	277	355	597	1,934	1,941	1,223	1,204	726	176	9,531
1982-83	337	300	598	504	558	658	2,225	3,373	1,043	1,316	1,191	419	12,522
1983-84	205	340	1,395	909	921	937	1,852	2,013	1,462	1,416	1,268	866	13,584
1984-85	1,017	1,147	1,234	984	824	1,009	2,912	1,854	1,408	1,463	1,170	636	16,592
1985-86	570	693	742	579	776	1,460	2,955	2,473	1,801	1,373	782	-	14,204

Source: Sunkist Growers, Inc.

TABLE 41

CALIFORNIA-ARIZONA GRAPEFRUIT
Weekly Shipments
(1985-86 Season)

Week Through	Summer		Desert		Total	
	Fresh	Products	Fresh	Products	Fresh	Products
	Carloads of 1,000 carton cars					
Oct. 19, 1985	-	-	8	1	8	1
26	-	-	44	3	44	3
Nov. 02	-	-	46	8	46	8
09	-	-	93	15	93	15
16	-	-	174	25	174	25
23	-	-	127	36	127	36
30	-	-	152	16	152	16
Dec. 10	-	-	195	38	195	38
14	-	-	227	69	227	69
21	-	-	136	51	136	51
28	-	-	104	30	104	30
Jan. 04, 1986	-	2	80	29	80	31
11	1	1	146	40	147	41
18	22	2	245	44	267	46
25	16	4	134	40	151	44
Feb. 01	17	2	132	54	149	56
08	5	1	143	43	148	44
15	6	4	158	50	164	54
22	6	1	131	72	137	73
Mar. 01	3	3	123	49	127	53
08	6	2	103	48	109	50
15	6	-	173	82	179	82
22	3	2	184	73	188	75
29	18	13	206	125	224	138
Apr. 05	12	9	206	143	218	153
12	38	19	277	124	316	142
19	61	31	257	165	318	196
26	50	31	309	212	358	243
May. 03	69	14	485	272	555	286
10	75	28	591	334	666	362
17	64	34	711	415	774	449
24	92	29	570	462	661	491
31	138	52	468	338	606	390
Jun. 07	332	111	313	244	645	355
14	457	179	178	166	635	345
21	484	195	107	117	590	311
28	483	190	32	18	515	208
Jul. 05	362	152	31	54	393	207
12	386	168	1	5	387	173
19	425	187	-	-	425	187
26	399	142	-	-	399	142
Aug. 02	362	141	-	-	362	141
09	384	154	-	-	384	154
16	330	156	-	-	330	156
23	296	110	-	-	296	110
30	285	86	-	-	285	86
Sep. 06	272	62	-	-	272	62
13	281	49	-	-	281	49
20	175	17	-	-	175	17
27	53	-	-	-	53	-
Oct. 04	2	-	-	-	2	-
Nov. 08	1	-	-	-	1	-
TOTAL	6,477	2,383	7,800	4,110	14,278	6,494

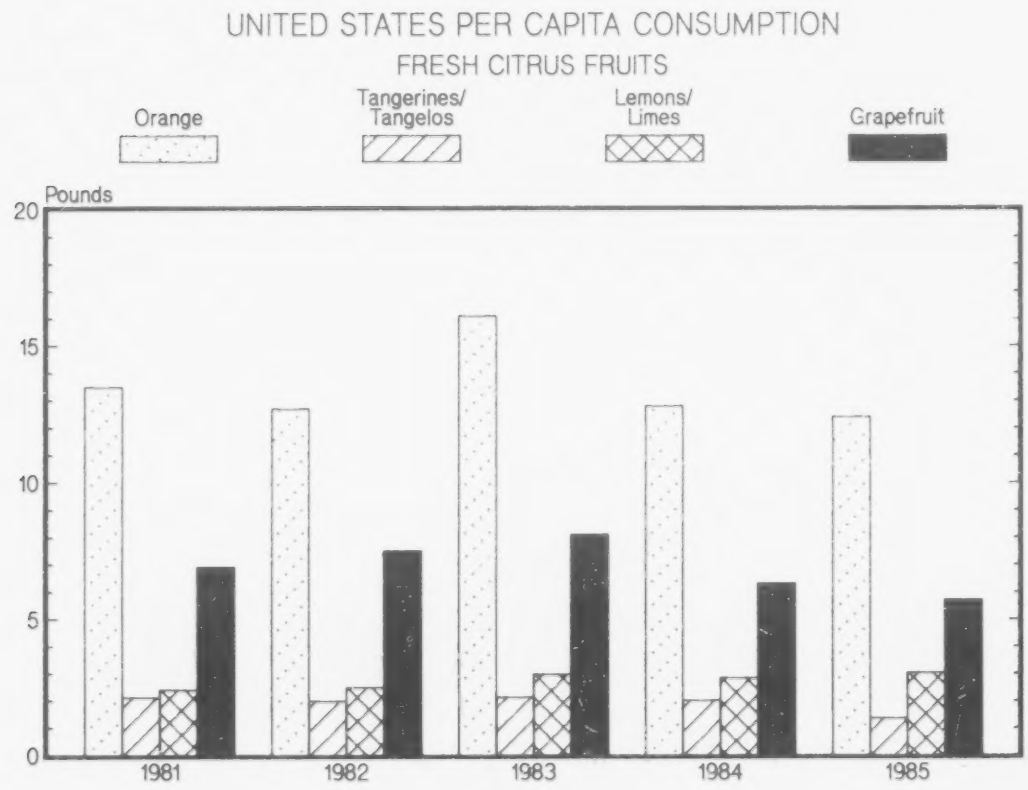
Source: Sunkist Growers, Inc.

TABLE 42

UNITED STATES PER CAPITA CONSUMPTION OF FRESH CITRUS FRUITS
(1976 to 1985)

Year	Oranges	Tanger-ines	Tangelos	Lemons	Limes	Grape-fruit	Total Citrus
	Pounds						
1976	14.7	2.0	0.94	1.9	0.25	9.3	29.1
1977	13.4	1.8	0.94	2.1	0.25	7.7	26.2
1978	13.4	1.6	0.82	2.1	0.24	8.3	26.5
1979	12.4	1.6	0.69	2.0	0.25	7.6	24.5
1980	15.8	2.0	0.72	2.0	0.37	8.0	28.9
1981	13.5	1.3	0.82	2.0	0.40	6.9	24.9
1982	12.7	1.3	0.69	2.1	0.39	7.5	24.7
1983	16.1	1.4	0.73	2.4	0.57	8.1	29.3
1984	12.8	1.4	0.61	2.3	0.54	6.3	24.0
1985	12.4	0.8	0.56	2.4	0.63	5.7	22.5

Source: USDA, Economic Research Service - Fruit Situation.



(Origin: Table 42)

TABLE 43

UNITED STATES PER CAPITA CONSUMPTION OF FRESH DECIDUOUS FRUITS
(1976 to 1985)

Year	Apples	Apri-cots	Avo-cados	Bananas	Cher-ries	Grapes	Nectar-ines	Peaches	Pears	Pine-apple	Plums & Prunes	Straw-berries	All Others*	Total Decid-uous
	Pounds													
1976	17.1	0.10	0.8	19.3	0.8	3.3	1.0	5.2	2.6	1.2	1.3	1.7	0.5	54.9
1977	16.9	0.09	1.3	19.2	0.6	3.1	1.2	5.1	2.6	1.4	1.6	1.9	0.8	55.8
1978	17.5	0.07	1.0	20.2	0.6	3.0	1.2	5.0	2.2	1.5	1.6	2.2	0.6	56.7
1979	17.5	0.08	1.2	21.0	0.7	3.6	1.4	5.5	2.5	1.5	1.7	1.9	0.5	59.1
1980	19.0	0.10	0.8	20.8	0.7	3.7	1.6	5.7	2.5	1.5	1.6	2.0	0.6	60.6
1981	16.8	0.10	2.2	21.5	0.6	3.8	1.5	5.6	2.8	1.6	1.8	2.3	0.5	61.1
1982	17.9	0.08	1.5	22.5	0.5	5.3	1.4	4.0	3.0	1.7	1.1	2.5	0.5	62.0
1983	18.4	0.09	2.0	21.2	0.8	5.4	1.5	4.1	2.8	1.7	1.5	2.4	0.4	62.3
1984	18.3	0.13	2.2	22.1	0.7	5.7	1.5	5.5	2.8	1.5	2.0	3.1	1.2	66.7
1985	18.1	0.17	1.8	25.6	0.4	6.9	1.7	4.0	2.8	1.5	1.5	3.1	1.1	68.7

*Includes: Bushberries, Cranberries, Figs, Kiwifruit, Papayas, and Miscellaneous Fruit. Beginning 1982, no data for Bushberries
Source: USDA, Economic Research Service - Fruit Situation.

TABLE 44

UNITED STATES PRODUCTION OF SELECTED FRUITS COMPETING WITH CITRUS FRUITS
(1976 to 1985)

Year	Apples	Apri-cots	Cher-ries	Grapes	Nectar-ines	Peaches	Pears	Plums* & Prunes	Straw-berries **	Pine-apples **	Avo-cados	Canta-loupes	Water-melons
	1,000 tons											1,000 cwt	
1976	3,236	155	246	4,398	128	1,509	839	666	290	680	141	10,140	26,459
1977	3,370	147	254	4,298	155	1,478	782	727	331	690	118	10,899	26,885
1978	3,799	126	247	4,567	148	1,326	469	643	330	675	146	13,318	25,270
1979	4,063	144	267	4,989	172	1,469	593	664	319	681	102	12,211	24,076
1980	4,409	129	281	5,595	191	1,534	610	823	351	657	227	11,890	22,716
1981	3,870	89	220	4,458	182	1,385	596	776	370	636	183	12,628	20,054
1982	4,061	114	311	6,555	178	1,143	804	588	439	670	237	13,879	21,759
1983	4,189	94	246	5,506	185	928	775	672	447	722	274	14,479	20,091
1984	4,166	127	318	5,194	183	1,330	710	721	496	600	230	15,349	23,013
1985	3,975	132	276	5,605	211	1,074	747	642	509	565	189	16,854	23,515

*Fresh basis;
Source: USDA, Agricultural Statistics - Fruit Situation, Noncitrus Fruits and nuts; Weekly Summary - Ornamental Crops.

TABLE 45

UNITED STATES PER CAPITA CONSUMPTION OF FROZEN CITRUS JUICE
(1976 to 1985)

Year	Product Weight						
	Orange	Tangerines	Lemon	Lemonade Base	Limeade	Grapefruit	Total
	Pounds						
1976	9.80	0.03	-	0.51	0.06	0.07	10.41
1977	9.74	0.07	0.03	0.39	0.08	0.52	10.83
1978	7.85	0.07	0.06	0.68	0.07	0.32	9.25
1979	8.65	0.06	0.04	0.52	0.08	0.51	9.86
1980	9.05	0.06	0.02	0.24	0.08	0.43	9.88
1981	8.59	0.09	0.03	0.38	-	0.66	9.75
1982	9.47	0.09	0.06	0.73	-	0.73	11.08
1983	11.05	0.02	0.04	0.38	-	0.67	12.16
1984	9.51	0.03	0.04	0.39	-	0.45	10.42
1985	11.31	0.03	0.05	0.49	-	1.02	12.90

Product weight includes concentrated and single strength juices.
Concentrated fruit juices converted to single strength on basis of 3.525 pounds to 1; lemonade base 0.74 to 1.
Source: USDA, Economic Research Service - Fruit Situation.

TABLE 46

UNITED STATES PACKS OF CANNED CITRUS JUICES, s.s.
(1976-77 to 1985-86)

Season	Orange Juice			Grapefruit Juice			Orange & Grapefruit Blend			Tangerine and Tangerine Blend
	Calif. and Arizona	Florida	Texas	Calif. and Arizona	Florida	Texas	Calif. and Arizona	Florida	Texas	
	1,000 cases (24 No. 2 cans)									
1976-77	1,183	10,767	2,485	3,013	18,809	5,867	187	1,308	89	35
1977-78	1,748	11,654	2,427	4,443	17,107	4,690	194	1,664	87	8
1978-79	2,795	13,222	2,209	4,949	16,764	3,462	95	1,255	80	19
1979-80	2,079	13,869	2,419	4,018	16,604	3,606	138	1,314	82	17
1980-81	2,397	13,012	2,195	3,193	14,231	2,005	51	984	47	9
1981-82	1,169	11,503	1,057	2,811	15,725	1,894	43	727	42	6
1982-83	NA	9,802	NA	NA	11,651	NA	NA	650	NA	4
1983-84	NA	9,084	NA	NA	9,513	NA	NA	555	NA	NA
1984-85	NA	7,425	NA	NA	10,552	NA	NA	615	NA	1
1985-86	NA	7,596	NA	NA	9,948	NA	NA	577	NA	NA

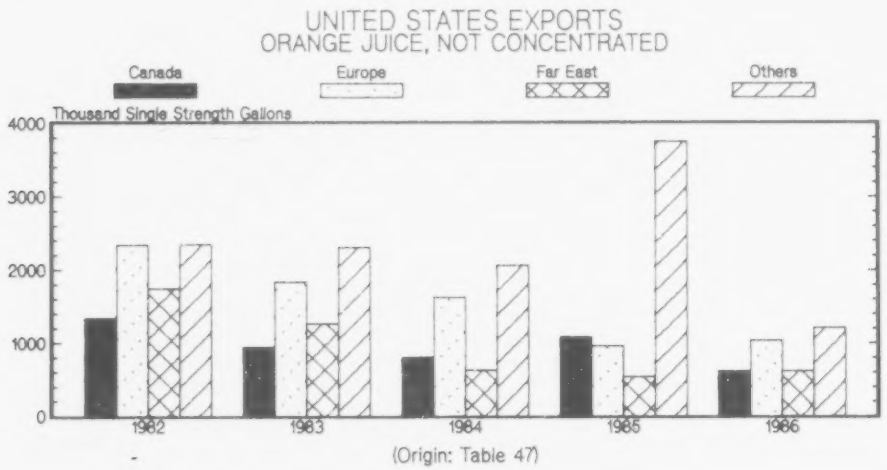
NA: Not Available.
Source: USDA - Agricultural Statistics; Florida Citrus Mutual - Annual Statistical Report.

TABLE 47

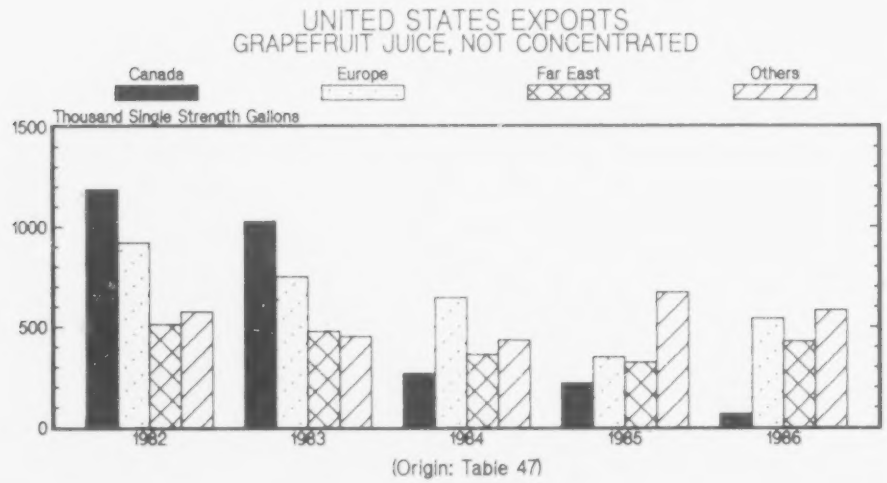
UNITED STATES EXPORTS OF SELECTED CITRUS JUICES, NOT CONCENTRATED
(1977 to 1986)

Year	Canada		Europe		Far East		Others		Total	
	Orange	Grape-fruit	Orange	Grape-fruit	Orange	Grape-fruit	Orange	Grape-fruit	Orange	Grape-fruit
	1,000 Single Strength Gallons									
1977	6,582	3,496	2,284	575	375	134	1,263	1,490	10,504	5,695
1978	4,992	2,496	2,489	732	524	225	1,198	454	9,203	3,907
1979	3,860	2,275	3,001	790	768	263	1,634	475	9,263	3,803
1980	3,412	2,223	3,231	917	866	317	2,521	604	10,030	4,061
1981	2,058	1,608	3,368	957	909	339	2,745	746	9,080	3,650
1982	1,340	1,186	2,342	921	1,747	513	2,353	576	7,782	3,196
1983	943	1,026	1,838	752	1,268	479	2,309	453	6,358	2,710
1984	802	268	1,629	647	630	363	2,065	435	5,126	1,713
1985	1,084	220	964	351	541	324	3,753	673	6,342	1,568
1986	614	67	1,039	542	618	428	1,210	584	3,481	1,621

Source: U.S. Bureau of the Census - Reports Numbered FT410 & EM546.



(Origin: Table 47)



(Origin: Table 47)

TABLE 48

UNITED STATES EXPORTS OF FRESH CITRUS FRUITS
(1976-77 to 1985-86

Season	Canada	European Commun-ity	Western Europe	Eastern Europe (a)	Total Europe	Japan	Hong Kong	Other Far-Eastern Count-ries	Total Far East	Middle East	Others (b)	Total
	1,000 Cartons											
	ORANGES AND TANGERINES											
1976-77	11,515	4,576	396	25	4,997	1,440	6,250	1,223	8,913	-	636	26,061
1977-78	10,120	2,297	211	-	2,508	2,984	5,110	865	8,959	3	508	22,098
1978-79	9,106	1,634	87	-	1,721	3,499	4,705	813	9,017	1	437	20,282
1979-80	10,988	5,078	329	-	5,407	4,477	6,761	1,672	12,910	214	692	30,211
1980-81	10,631	1,853	183	-	2,036	4,658	7,221	1,957	13,836	123	712	27,338
1981-82*	8,334	261	82	-	343	5,247	5,989	1,778	13,014	7	732	22,430
1982-83	10,254	1,796	195	-	1,991	5,494	7,391	3,035	15,920	48	835	29,048
1983-84	8,226	51	4	-	55	5,270	6,394	3,085	14,749	80	103	23,213
1984-85	7,905	562	20	-	582	7,040	7,134	2,986	17,160	2	79	25,728
1985-86	7,086	424	99	-	523	6,866	7,944	2,437	17,247	1	39	24,896
	LEMONS AND LIMES											
1976-77	1,068	3,230	380	3,233	6,843	5,860	219	63	6,142	-	103	14,156
1977-78	1,011	2,044	319	2,007	4,370	6,314	230	28	6,572	10	96	12,059
1978-79	840	1,938	245	2,398	4,581	6,662	232	28	6,922	4	103	12,450
1979-80	1,063	1,591	240	832	2,663	5,901	253	19	6,173	-	79	9,978
1980-81	928	1,887	215	148	2,250	6,874	260	24	7,158	55	104	10,495
1981-82*	752	755	134	-	889	6,267	254	16	6,537	2	119	8,299
1982-83	693	573	109	-	682	6,625	296	27	6,948	7	178	8,508
1983-84	830	439	96	-	535	6,975	334	221	7,530	-	131	9,026
1984-85	809	613	53	-	666	6,662	(c)	612	7,274	-	48	8,797
1985-86	659	86	38	-	124	6,438	(c)	462	6,900	-	41	7,724
	GRAPEFRUIT											
1976-77	3,127	3,491	84	173	3,748	8,158	23	7	8,188	-	62	15,125
1977-78	3,328	4,431	68	-	4,499	6,676	24	6	6,706	-	84	14,617
1978-79	2,673	4,017	97	-	4,114	8,462	20	7	8,489	6	67	15,349
1979-80	3,123	4,709	78	-	4,787	6,952	19	7	6,978	5	70	14,963
1980-81	2,814	4,456	88	-	4,544	8,707	23	11	8,741	1	169	16,269
1981-82*	2,551	4,113	113	-	4,226	7,471	29	4	7,504	-	77	14,358
1982-83	2,528	4,590	129	-	4,719	9,609	32	31	9,672	-	80	16,999
1983-84	2,282	3,706	150	-	3,856	8,120	46	153	8,319	3	17	14,477
1984-85	1,960	2,866	74	-	2,940	5,694	(c)	213	5,907	2	178	10,987
1985-86	1,473	4,356	139	-	4,495	8,417	(c)	504	8,921	-	5	14,894

(a) Includes USSR
(b) Mexico, Central & South America, Caribbean, Africa, Australia and other Pacific Islands
(c) Hong Kong included with other Far Eastern Countries

Carton Weights: Oranges - 35 lb.; Lemons & Limes - 38 lb.; Grapefruit - 40 lb.
* Beginning 1981-82, USDA report format was changed. Eastern Europe, Middle East, Australia and other Pacific countries were not specified. Figures for other Far-Eastern Countries, Middle East and others were taken from EM546.

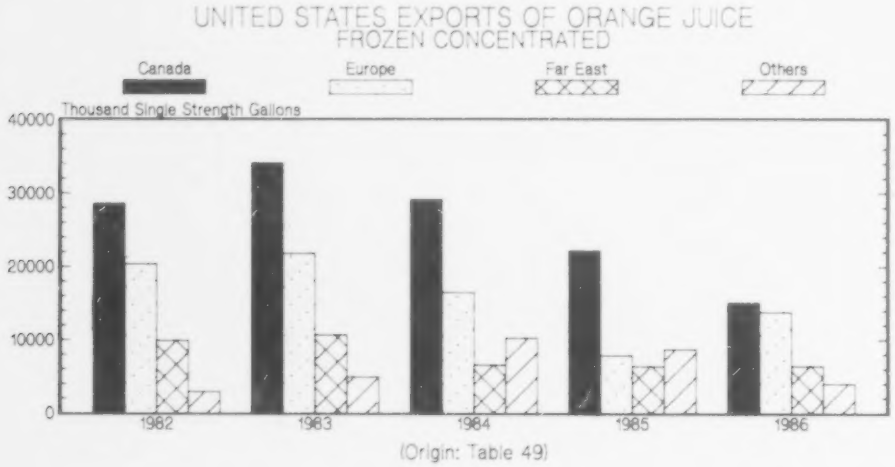
Source: USDA - Foreign Agriculture Circular

TABLE 49

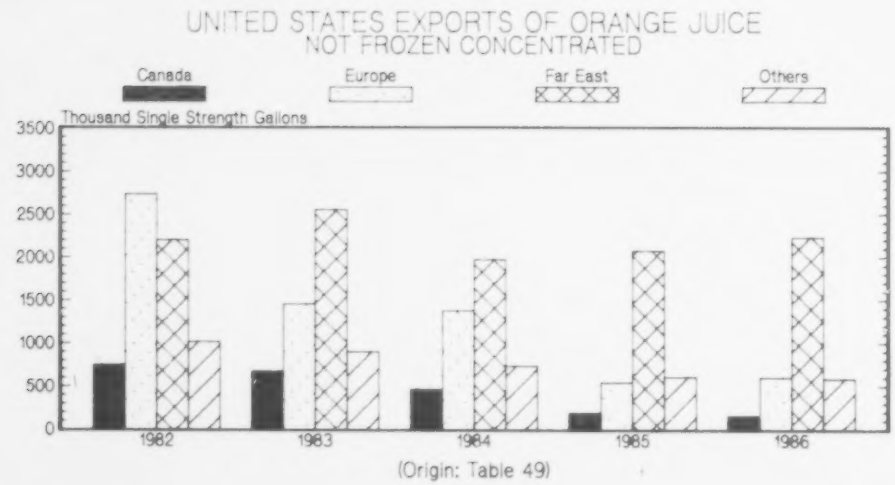
UNITED STATES EXPORTS OF ORANGE JUICE CONCENTRATE
(1977 to 1986)

Year	Canada		Europe		Far East		Others		Total	
	Not Frozen	Frozen	Not Frozen	Frozen	Not Frozen	Frozen	Not Frozen	Frozen	Not Frozen	Frozen
	1,000 Single Strength Gallons									
1977	456	32,574	5,594	33,121	2,967	4,282	811	5,275	9,828	75,252
1978	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1979	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1980	2,263	33,743	2,262	21,747	2,116	7,139	1,040	3,611	7,681	66,240
1981	1,054	35,293	3,135	27,944	1,543	7,529	983	4,500	6,715	75,266
1982	742	28,551	2,738	20,371	2,200	9,897	1,018	2,887	6,698	61,706
1983	671	34,073	1,457	21,836	2,555	10,699	901	4,926	5,584	71,534
1984	463	29,131	1,381	16,532	1,975	6,582	737	10,279	4,556	62,524
1985	195	22,139	546	7,886	2,076	6,384	610	8,735	3,427	45,144
1986	159	15,080	603	13,835	2,235	6,430	587	4,005	3,584	39,350

NA: Not Available
Source: U.S. Bureau of the Census - Reports Numbered FT410 & EM546.



(Origin: Table 49)



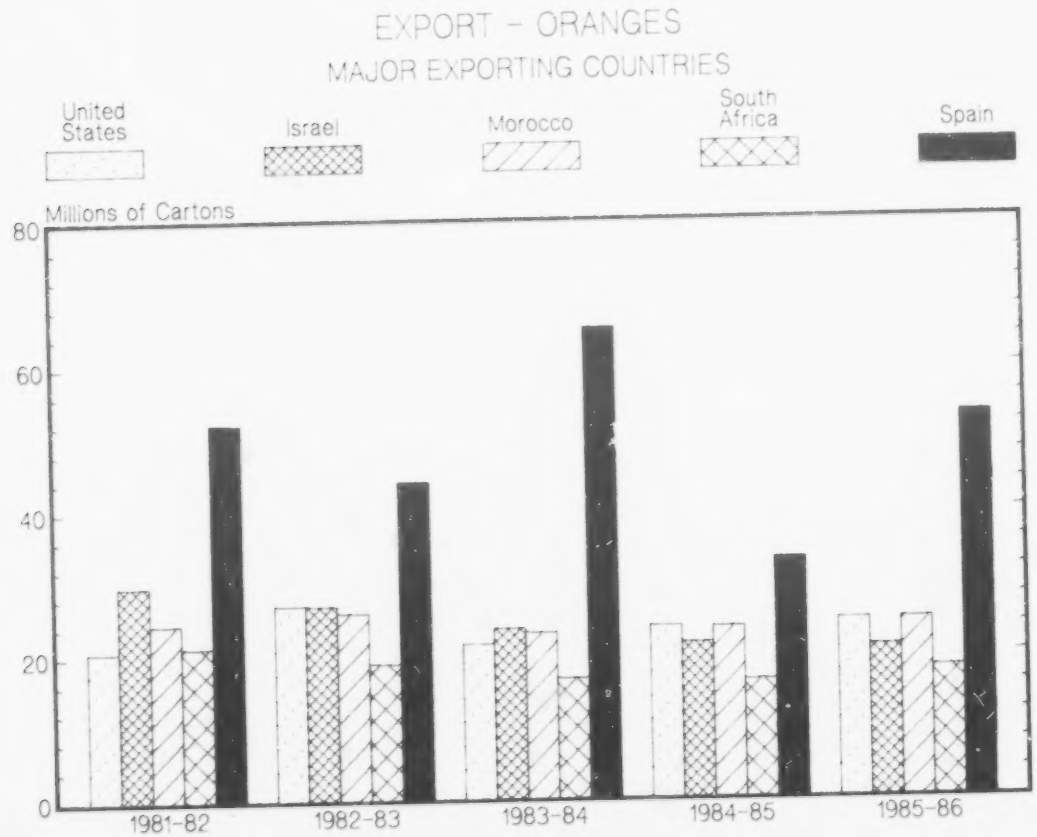
(Origin: Table 49)

TABLE 50

ORANGES
Fresh Export By Selected Countries
(1981-82 to 1985-86)

Country	1981-82	1982-83	1983-84	1984-85	1985-86
	1,000 Cartons (37.5lbs.)				
Northern Hemisphere					
Cuba	8,840	8,840	15,087	14,144	12,965
Cyprus	6,601	5,893	7,485	6,601	6,836
Egypt	7,543	10,667	10,785	9,253	11,787
Gaza*	7,367	7,661	6,011	5,422	2,357
Greece	13,437	9,960	9,311	14,557	13,260
Israel	29,820	27,050	23,751	21,570	20,921
Italy	7,543	7,308	8,074	8,604	10,019
Lebanon	4,833	4,243	3,536	3,831	3,831
Mexico	707	236	413	177	177
Morocco	24,575	26,049	23,161	23,750	24,752
Spain	52,156	44,023	65,180	33,121	53,040
Turkey	2,593	2,593	3,890	3,123	2,357
United States**	20,862	27,168	21,687	23,986	24,752
Total	186,877	181,691	198,371	168,139	187,054
Southern Hemisphere					
Argentina	2,122	2,122	1,945	3,241	3,241
Australia	1,768	1,238	1,591	1,768	2,004
Brazil	4,833	3,595	3,536	3,595	3,536
South Africa*	21,334	18,917	16,796	16,383	17,975
Uruguay	707	1,238	1,179	2,004	2,239
Total	30,764	27,110	25,047	26,991	28,995
Grand Total	217,641	208,801	223,418	195,130	216,049

*Includes Tangerines; **Includes Temples
Source: USDA - FAC



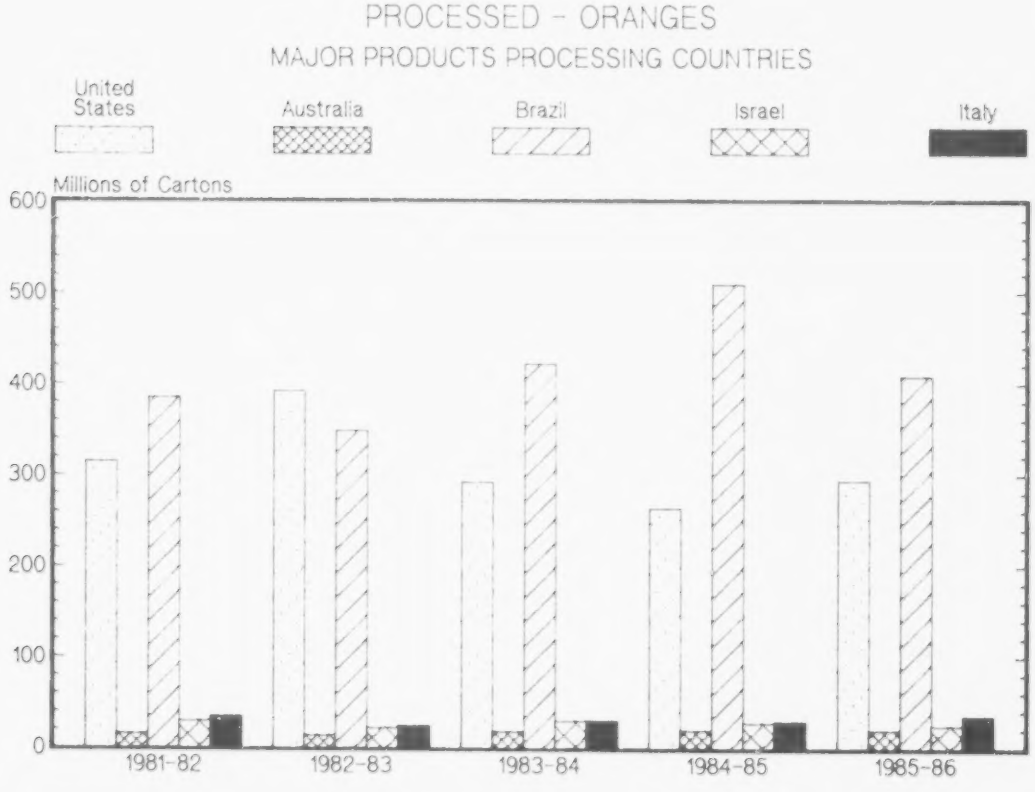
(Origin: Table 50)

TABLE 51

ORANGES
Processed By Selected Countries
(1981-82 to 1985-86)

Country	1981-82	1982-83	1983-84	1984-85	1985-86
	1,000 Cartons (37.5 lbs.)				
Northern Hemisphere					
Cuba	589	589	2,947	5,304	5,893
Cyprus	1,238	1,238	1,768	1,297	1,414
Egypt	354	413	413	413	413
Gaza*	118	177	177	177	177
Greece	6,777	5,893	5,304	9,724	4,420
Israel	29,408	22,395	30,115	28,111	25,341
Italy	34,181	24,339	30,292	29,467	35,360
Japan	59	59	59	59	59
Mexico	13,555	16,501	18,859	2,947	16,207
Morocco	4,420	4,125	7,720	7,131	7,367
Spain	5,186	5,245	7,072	13,555	7,661
Turkey	5,599	5,422	5,893	6,483	5,893
United States**	314,822	392,260	292,604	264,080	294,667
Total	416,306	478,656	403,223	368,748	404,872
Southern Hemisphere					
Argentina	7,072	7,367	7,661	7,072	5,893
Australia	15,323	13,731	18,151	19,625	20,037
Brazil	384,717	348,650	422,081	509,773	408,762
Chile	-	-	236	295	295
South Africa*	5,658	6,247	8,015	8,251	9,135
Uruguay	177	177	177	236	295
Total	412,947	376,172	456,321	545,252	444,417
Grand Total	829,253	854,828	859,544	914,000	849,289

*Includes Tangerines; ** Includes Temples
Source: USDA - FAC



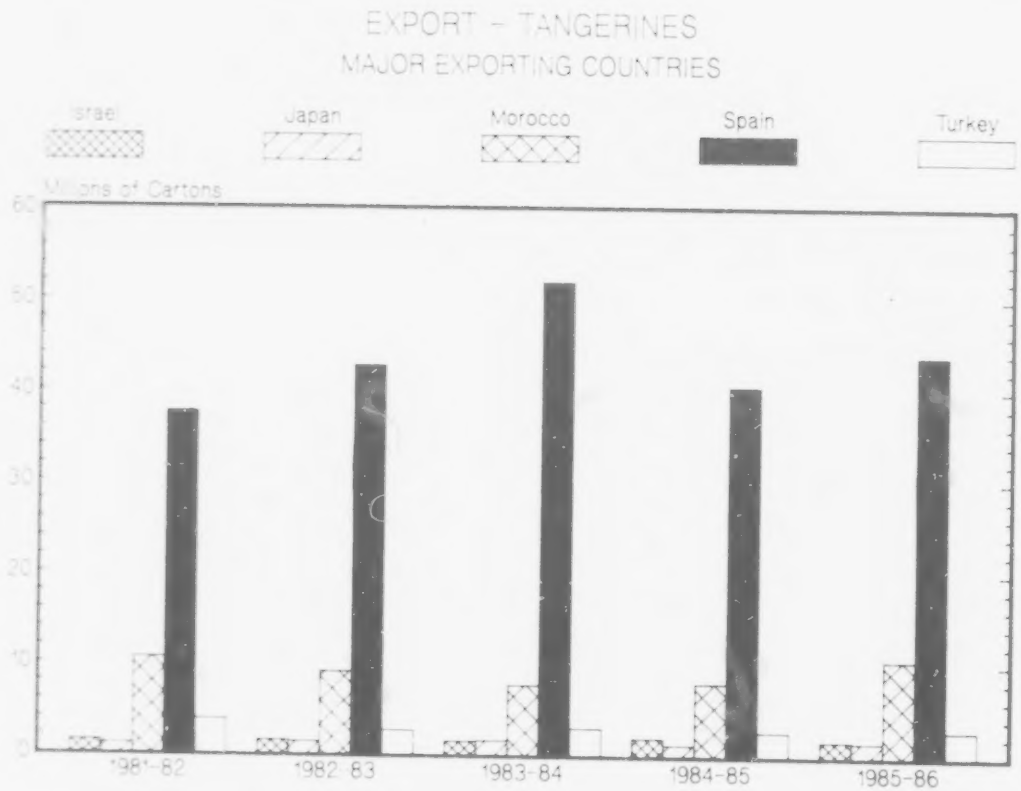
(Origin: Table 51)

TABLE 52

TANGERINES
Fresh Export By Selected Countries
(1981-82 to 1985-86)

Country	1981-82	1982-83	1983-84	1984-85	1985-86
	1,000 Cartons (37.5 lbs.)				
Northern Hemisphere					
Cyprus	59	59	59	59	59
Greece	177	295	59	59	118
Israel	1,473	1,532	1,532	1,945	1,768
Italy	648	236	530	177	530
Japan	1,120	1,473	1,650	1,238	1,650
Lebanon	1,886	1,473	1,179	1,179	1,179
Mexico	1,238	530	1,002	413	707
Morocco	10,667	9,135	7,720	8,015	10,608
Spain	37,658	42,727	51,920	40,546	43,905
Turkey	3,890	2,770	3,065	2,711	2,947
United States	766	1,002	589	943	589
Total	59,582	61,231	69,305	57,285	64,060
Southern Hemisphere					
Argentina	118	177	177	236	295
Australia	295	177	118	236	118
Brazil	354	295	295	236	236
Uruguay	59	118	413	413	471
Total	826	767	1,003	1,121	1,120
Grand Total	60,408	61,998	70,308	58,406	65,180

Source: USDA - FAC



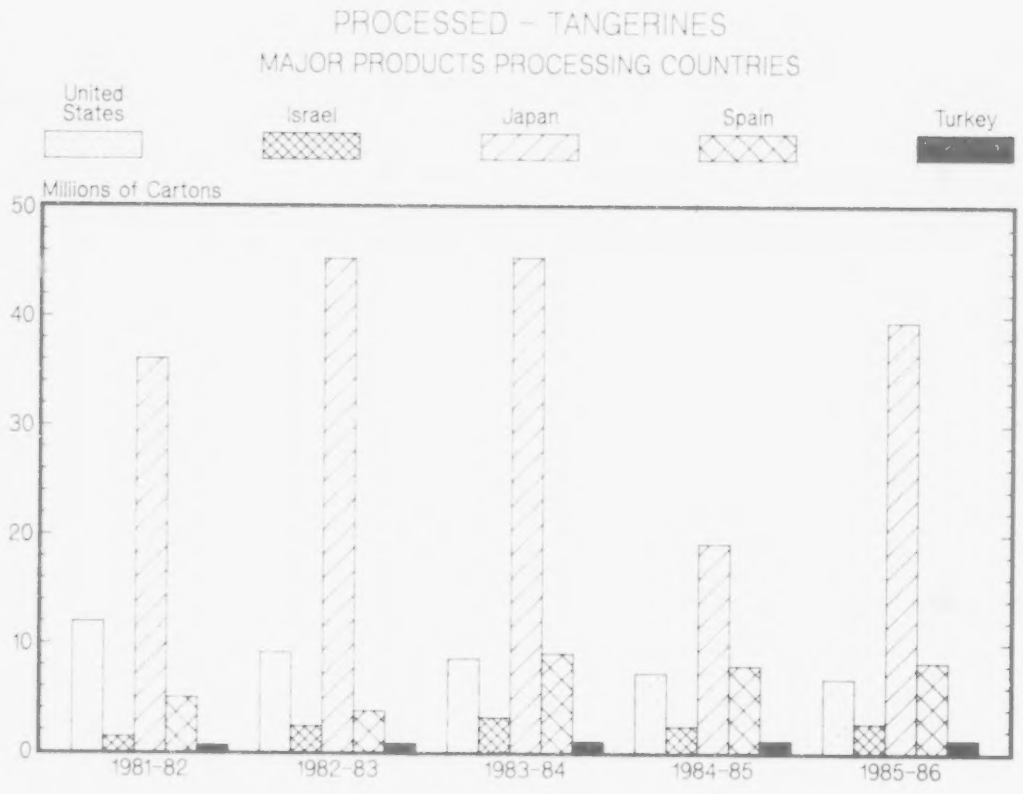
(Origin: Table 52)

TABLE 53

TANGERINES
Processed By Selected Countries
(1981-82 to 1985-86)

Country	1981-82	1982-83	1983-84	1984-85	1985-86
	1,000 Cartons (37.5 lbs.)				
Northern Hemisphere					
Egypt	59	118	177	177	236
Greece	59	118	118	118	59
Israel	1,414	2,416	3,241	2,416	2,652
Italy	884	648	1,179	884	1,179
Japan	36,126	45,379	45,438	19,153	39,485
Mexico	59	177	648	295	707
Morocco	943	354	707	1,355	1,179
Spain	5,068	3,772	9,194	8,074	8,251
Turkey	648	884	1,061	1,120	1,179
United States	12,081	9,253	8,663	7,367	6,777
Total	57,341	63,119	70,426	40,959	61,704
Southern Hemisphere					
Argentina	118	118	177	177	177
Australia	177	236	236	177	177
Total	295	354	413	354	354
Grand Total	57,636	63,473	70,839	41,313	62,058

Source: USDA - FAC



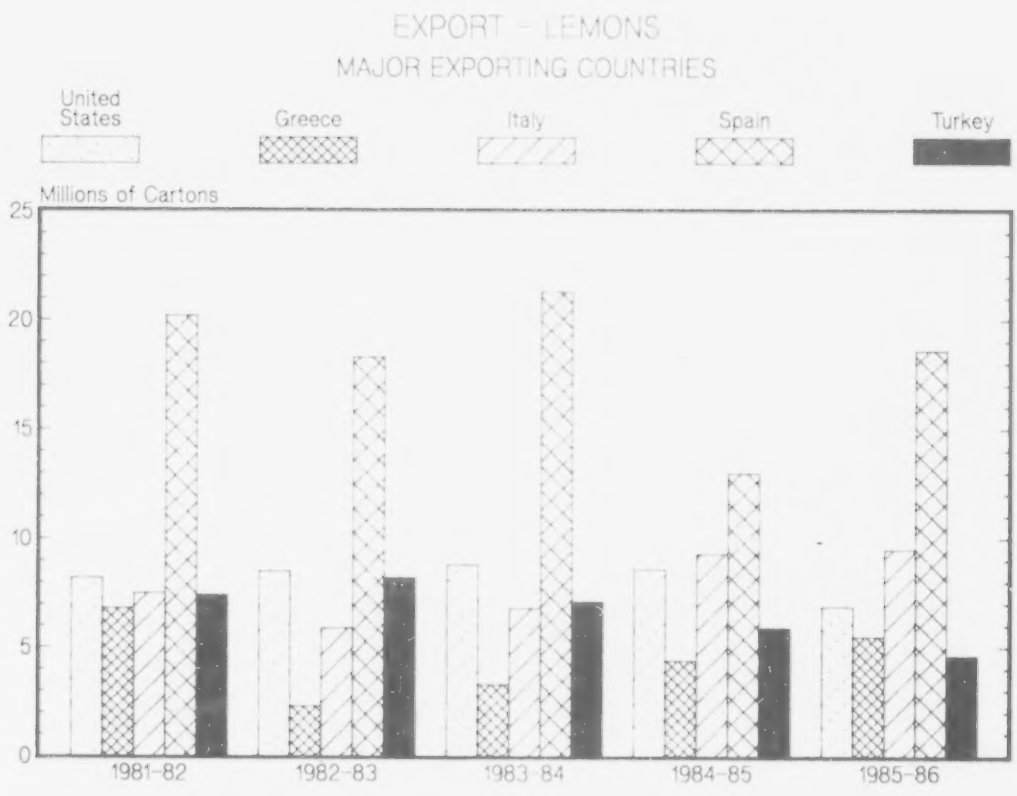
(Origin: Table 53)

TABLE 54

LEMONS
Exported By Selected Countries
(1981-82 to 1985-86)

Country	1981-82	1982-83	1983-84	1984-85	1985-86
	1,000 Cartons (38 lbs.)				
Northern Hemisphere					
Cyprus	1,919	2,036	2,152	1,047	1,628
Gaza	523	407	523	698	291
Greece	6,804	2,385	3,373	4,478	5,525
Israel	1,687	1,803	1,454	1,279	1,279
Italy	7,502	5,932	6,863	9,305	9,596
Lebanon	989	989	872	872	872
Morocco	58	58	58	116	116
Spain	20,297	18,320	21,344	13,086	18,611
Turkey	7,444	3,259	7,153	5,990	4,653
United States	8,258	8,549	8,898	8,666	6,979
Total	55,481	48,738	52,690	45,537	49,550
Southern Hemisphere					
Argentina	582	1,221	1,047	3,897	2,326
Australia	116	58	58	291	174
Chile	174	175	58	465	349
South Africa	1,861	1,454	1,629	1,803	2,035
Uruguay	233	291	349	931	989
Total	2,966	3,199	3,142	7,387	5,873
Grand Total	58,447	51,937	55,832	52,924	55,423

Source: USDA - FAC



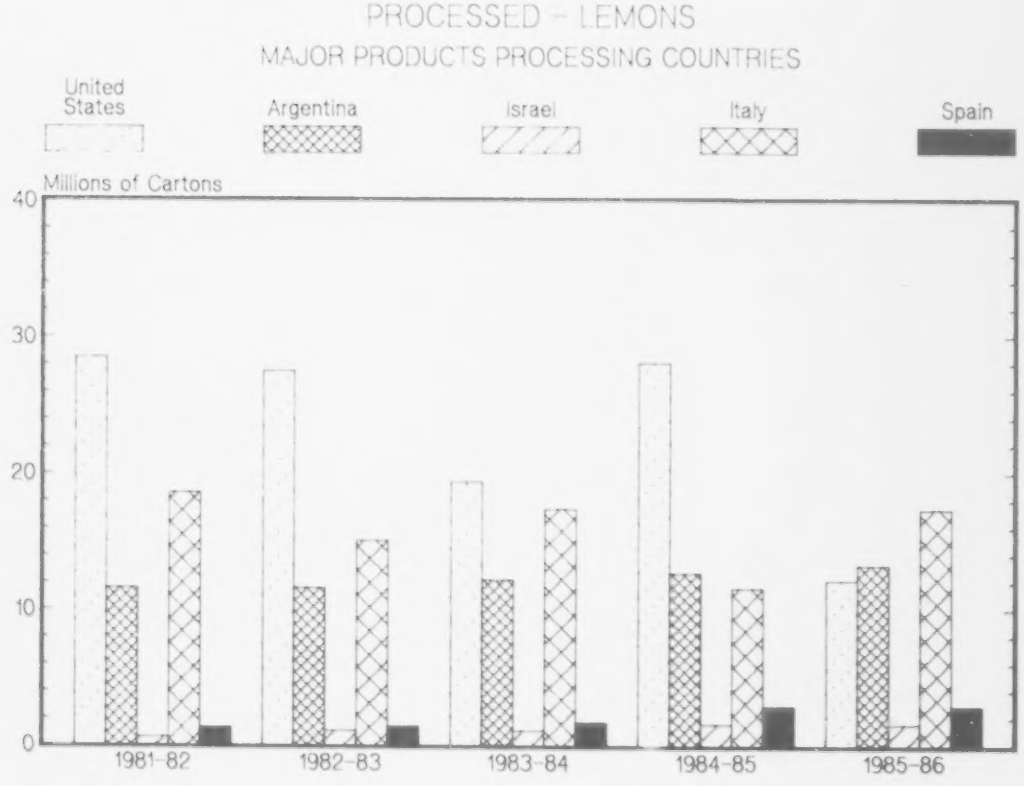
(Origin: Table 54)

TABLE 55

LEMONS
Processed By Selected Countries
(1981-82 to 1985-86)

Country	1981-82	1982-83	1983-84	1984-85	1985-86
	1,000 Cartons (38 lbs.)				
Northern Hemisphere					
Cyprus	348	349	407	233	233
Greece	1,221	1,570	1,687	1,105	872
Israel	640	1,163	1,163	1,687	1,687
Italy	18,611	15,121	17,447	11,632	17,447
Mexico	116	174	174	174	174
Morocco	-	58	58	-	-
Spain	1,396	1,454	1,745	2,908	2,908
Turkey	1,163	1,280	1,279	1,454	1,163
United States	28,556	27,509	19,425	28,148	12,213
Total	52,051	48,678	43,885	47,341	36,697
Southern Hemisphere					
Argentina	11,632	11,632	12,213	12,795	13,376
Australia	1,396	814	1,628	1,279	1,279
Brazil	-	931	931	931	931
Chile	-	-	174	174	174
South Africa	640	931	931	1,279	1,454
Total	13,668	14,308	15,877	16,458	17,214
Grand Total	65,719	62,986	59,262	63,799	53,911

Source: USDA - FAC



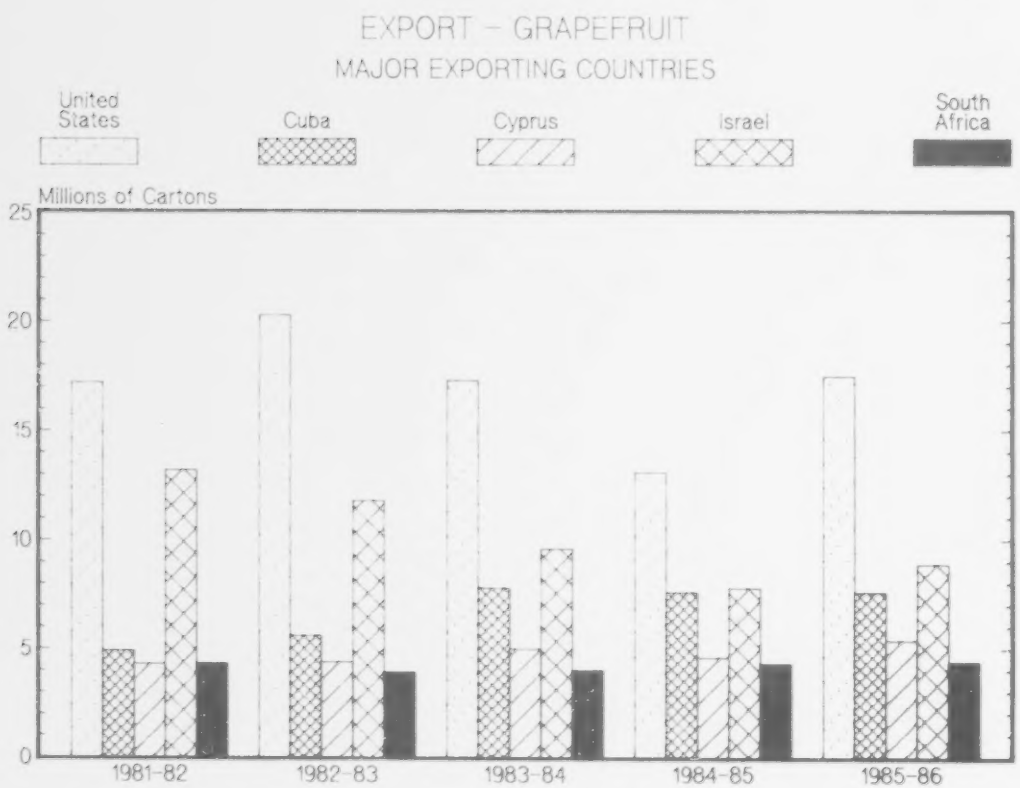
(Origin: Table 55)

TABLE 56

GRAPEFRUIT
Fresh Export By Selected Countries
(1981-82 to 1985-86)

Country	1981-82	1982-83	1983-84	1984-85	1985-86
	1,000 Cartons (33.5 lbs.)				
Northern Hemisphere					
Cuba	4,947	5,608	7,784	7,587	7,587
Cyprus	4,354	4,420	5,080	4,552	5,410
Gaza	660	528	396	131	198
Greece	-	66	-	-	-
Israel	13,260	11,809	9,632	7,784	8,906
Italy	66	66	66	66	66
Lebanon	726	396	330	330	330
Mexico	264	396	198	198	198
Morocco	198	66	-	-	-
Spain	396	396	396	330	330
Turkey	1,187	726	1,187	1,187	1,121
United States	17,218	20,319	17,284	13,128	17,482
Total	43,276	44,796	42,353	35,284	41,628
Southern Hemisphere					
Argentina	1,517	1,451	1,517	1,517	2,177
South Africa	4,288	3,892	3,958	4,288	4,420
Uruguay	66	132	198	132	198
Total	5,871	5,475	5,673	5,937	6,795
Grand Total	49,147	50,271	48,026	41,221	48,423

Source: USDA - FAC



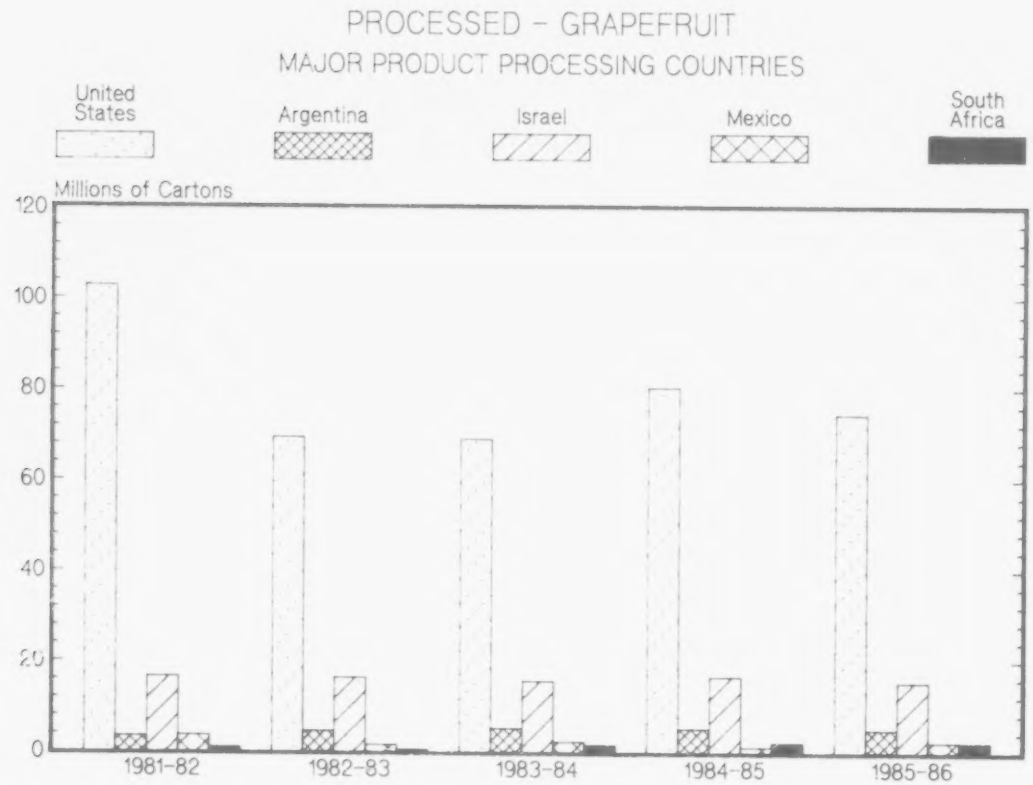
(Origin: Table 56)

TABLE 57

GRAPEFRUIT
Processed By Selected Countries
(1981-82 to 1985-86)

Country	1981-82	1982-83	1983-84	1984-85	1985-86
	1,000 Cartons (33.5 lbs.)				
Northern Hemisphere					
Cuba	1,319	1,319	1,319	1,319	1,319
Cyprus	1,385	924	1,253	924	990
Gaza	396	396	264	396	198
Greece	132	66	66	198	198
Israel	16,690	16,493	15,701	16,690	15,503
Mexico	3,628	1,649	2,309	1,253	2,309
Morocco	330	254	132	66	66
Spain	66	66	66	66	66
Turkey	-	132	132	66	66
United States	102,847	69,467	69,005	80,418	74,546
Total	126,793	90,776	90,247	101,396	95,261
Southern Hemisphere					
Argentina	3,496	4,618	5,278	5,278	5,079
Australia	1,385	1,451	1,319	1,451	1,451
Brazil	330	1,122	1,187	1,187	1,187
South Africa	924	527	1,583	2,177	2,243
Total	6,135	7,718	9,367	10,093	9,960
Grand Total	132,928	98,494	99,614	111,489	105,221

Source: USDA - FAC



(Origin: Table 57)

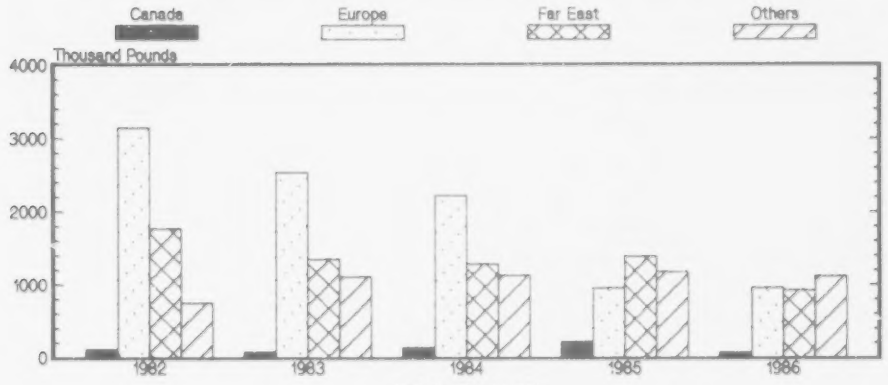
TABLE 58

UNITED STATES EXPORTS OF ORANGE AND LEMON OIL
(1977 to 1986)

Year	Orange Oil					Lemon Oil				
	Canada	Europe	Far East	Others	Total	Canada	Europe	Far East	Others	Total
	1,000 Pounds									
1977	124	3,279	722	1,068	5,193	95	867	157	163	1,282
1978	193	4,316	2,428	834	7,771	132	1,130	153	160	1,575
1979	130	4,123	4,217	834	9,304	101	835	171	249	1,356
1980	93	3,575	3,498	742	7,908	88	576	177	214	1,055
1981	170	2,875	3,442	816	7,303	53	517	415	117	1,102
1982	110	3,148	1,770	748	5,776	139	619	240	145	1,143
1983	75	2,542	1,354	1,111	5,082	106	1,119	747	59	2,031
1984	133	2,225	1,288	1,132	4,778	135	775	1,320	312	2,542
1985	216	960	1,393	1,184	3,753	137	1,115	424	244	1,920
1986	67	962	929	1,120	3,078	101	962	329	120	1,512

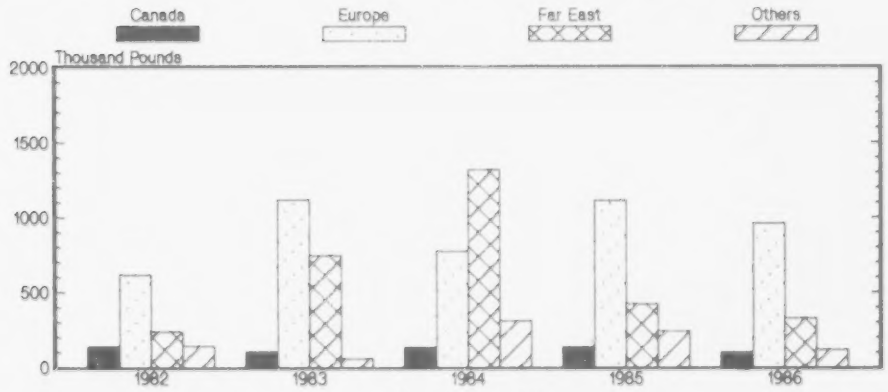
Source: USDC, Bureau of Census, US Exports - FT410 & EM546.

UNITED STATES EXPORTS OF ORANGE OIL



(Origin: Table 58)

UNITED STATES EXPORTS OF LEMON OIL



(Origin: Table 58)

TABLE 59

UNITED STATES IMPORTS OF FRESH AND PREPARED CITRUS FOR CONSUMPTION
(1977 to 1986)

YEAR	ORANGES	GRAPEFRUIT	LEMONS	LIMES	OTHERS	TOTAL
	1,000 Pounds					
1977	161,810	17,439	565	18,211	472	198,497
1978*	124,445	13,181	296	28,251	58,178	224,351
1979	128,507	9,594	923	22,233	37,672	198,929
1980	99,412	22,001	318	38,149	33,553	193,433
1981	94,045	15,221	312	46,890	38,514	194,982
1982	96,606	16,175	12,658	23,602	33,977	183,018
1983	93,174	12,436	3,647	36,557	44,321	190,135
1984	141,661	20,660	13,192	49,417	19,656	244,586
1985	153,051	21,815	25,022	70,147	17,252	287,287
1986	149,941	37,073	20,385	56,640	31,836	295,875

* Beginning 1978 substantial volume of mandarins & tangerines were imported
Source: USDC - U.S. Foreign Trade: FT246, IM146 - Imports TSUSA

TABLE 60

UNITED STATES IMPORTS OF CITRUS PRODUCTS FOR CONSUMPTION
(1977 to 1986)

Year	Juice					Oil				Peel*	
	Concentrated			Not Concentrated		Orange	Grape-fruit	Lemon	Lime	Orange	Lemon
	Orange	Lime	Other	Lime	Other						
	1,000 Gallons					1,000 Pounds					
1977	47,926	496	273	128	122	412	32	622	1,388	1,255	199
1978	150,741	934	157	74	148	2,978	90	1,012	1,630	1,379	273
1979	160,018	2,137	1,902	54	222	6,074	60	1,484	1,794	522	180
1980	100,014	1,370	1,943	26	1,008	4,969	39	1,898	1,413	978	141
1981	214,231	883	1,296	34	10,097	4,658	93	706	1,172	1,036	190
1982	396,072	1,039	9,702	15	3,102	4,139	66	983	714	1,677	153
1983	364,769	317	3,617	5	5,597	9,638	110	1,645	1,354	2,033	148
1984	558,118	789	4,088	17	18,226	6,980	37	1,363	1,188	1,355	171
1985	581,427	503	7,442	45	1,466	9,845	136	2,200	1,373	1,232	82
1986	547,041	1,504	28,878	38	2,349	7,291	213	2,021	1,393	1,542	198

*Includes prepared, preserved, crude, dried or in brine.
Source: USDC - U.S. Foreign Trade: FT246, IM146 - Imports TSUSA

TABLE 61

NUMERICAL CLASSIFICATION FOR TARIFF AND
TRADE DATA ON SELECTED FRESH CITRUS PRODUCTS

Commodity Description	TSUSA 1/	CCCN 2/	Schedule B 3/
Grapefruit			
August - September	147.0300	08.02	147.1500
October	147.0700	08.02	147.1500
November - July	147.1500	08.02	147.1500
Lemons	147.1900	08.02	147.1900
Limes	147.2200	08.02	147.2200
Oranges			
Tangerines	147.3120	08.02	147.3120
Navels & Valencias	147.3140	08.02	147.3140

1/ Tariff Schedules of the United States Annotated (These classifications do not include imports from Cuba).

2/ Customs Cooperation Council Nomenclature (formerly the Brussels Tariff Nomenclature).

3/ Statistical Classification of Domestic and Foreign Commodities Exported from the United States.

TABLE 62

NUMERICAL CLASSIFICATION FOR TARIFF AND
TRADE DATA ON SELECTED PROCESSED CITRUS PRODUCTS

Commodity Description	TSUSA 1/	CCCN 2/	Schedule B 3/
Juices			
Lime - Not Concentrated	165.2520	20.07	165.1500
Lime - Concentrated	165.2540	20.07	165.4140 4/ 165.7700 5/
Orange, Not Concentrated	165.2700	20.07	165.0700
Orange, Concentrated	165.2900		165.3320 4/ 6/ 165.3340 4/ 6/ 165.3360 5/ 165.7400 5/
Grapefruit - Not Concentrated	165.3200	20.20	165.0500
Lemon - Not Concentrated	165.3200		165.1500
Lemon - Concentrated	165.3650	20.07	165.4120 4/ 165.7700 5/
Grapefruit Concentrated	165.3680	20.07	165.3100 4/ 165.7100 5/
Lemonade	166.2000	22.02	166.4100
Oils			
Bergamot	452.0600	33.01	452.6000
Grapefruit	452.2800	33.01	452.6000
Lemon	452.3400	33.01	452.3400
Lemongrass	452.3600	33.01	452.6000
Lime	452.3800	33.01	452.6000
Orange	452.4400	33.01	452.4400

1/ Tariff Schedules of the United States Annotated (1986).

2/ Customs Cooperation Council Nomenclature (formerly the Brussels Tariff Nomenclature).

3/ Statistical Classification of Domestic and Foreign Commodities Exported from the United States.

4/ Frozen.

5/ Not Frozen.

6/ Varies with container size.

TABLE 63

U.S. CUSTOMS DUTIES [1/] ON SELECTED
FRESH AND PROCESSED CITRUS FRUIT PRODUCTS

Description of Item	Rates of Duty
Fresh Grapefruit	
August 1 - September 30	1.0¢ per lb.
Month of October	0.8¢ per lb.
November 1 - July 31	1.3¢ per lb.
Fresh Lemons	1.25¢ per lb.
Fresh Limes	1.0¢ per lb.
Fresh Tangerines	1.0¢ per lb.
Fresh Oranges	1.0¢ per lb.
Citrus Juices [2/]	
Lime - Not Concentrated	10.0¢ per gal.
Lime - Concentrated	10.0¢ per gal.
Orange, Grapefruit & Lemon - Not Concentrated	20.0¢ per gal.
Orange, Grapefruit & Lemon - Concentrated	35.0¢ per gal.
Lemonade	1.0¢ per gal.
Citrus Oils	
Bergamot	Free
Grapefruit	6.0% ad val.
Lemon	8.5% ad val.
Lemongrass	Free
Lime	Free
Orange	6.0% ad val.

1/ These duties apply to imported commodities from countries to which the United States extends most-favored-nation treatment.

2/ Duty is applied to imported citrus juices on a single strength basis. Thus the duty is applied to imports of concentrated citrus juice on a single strength equivalent basis.

Source: United States International Trade Commission, Tariff Schedules of United States Annotated (1986).

B8560-1-11 A

CITRUS FRUIT INDUSTRY STATISTICAL BULLETIN

Sunkist Growers, Inc.

INFORMATION SYSTEMS DEPARTMENT

1988

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INTRODUCTION

This report contains statistical information related to the California-Arizona citrus industry and selected data regarding other citrus producing areas.

To maintain comparability among the various citrus areas in the United States, the statistical series are taken from sources published by the Federal and States Agencies whenever possible. These sources may be different from the records maintained by the industry for the same data series due to differences in collection procedures.

Government sources are supplemented by the California-Arizona Citrus League and other industry records, for information not gathered by the government agencies.

This statistical information is presented without analysis.

NET WEIGHT PER CARTON, FRESH FRUIT

(In Pounds)

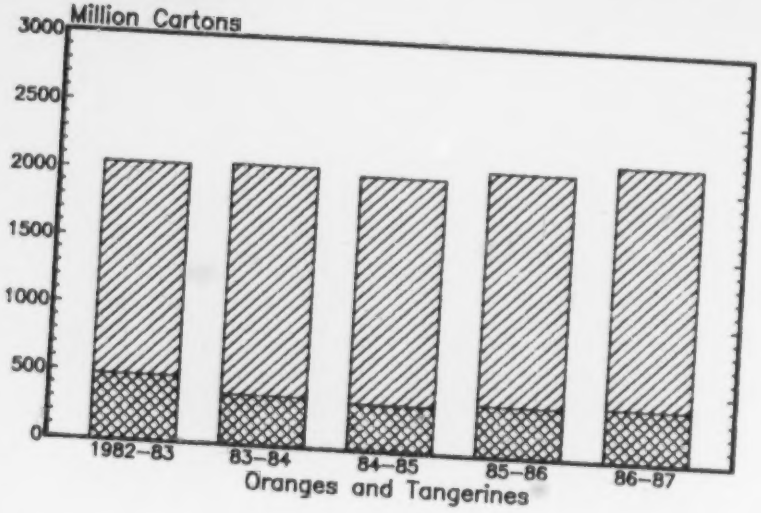
State	Oranges	Tangerines	Lemons	Grapefruit	Lemons
California	37.5	37.5	38.0	33.5	38.0
Arizona	37.5	37.5	38.0	32.0	38.0
Florida	*45.0	47.5	45.0	42.5	40.0
Texas	42.5	-	-	40.0	-

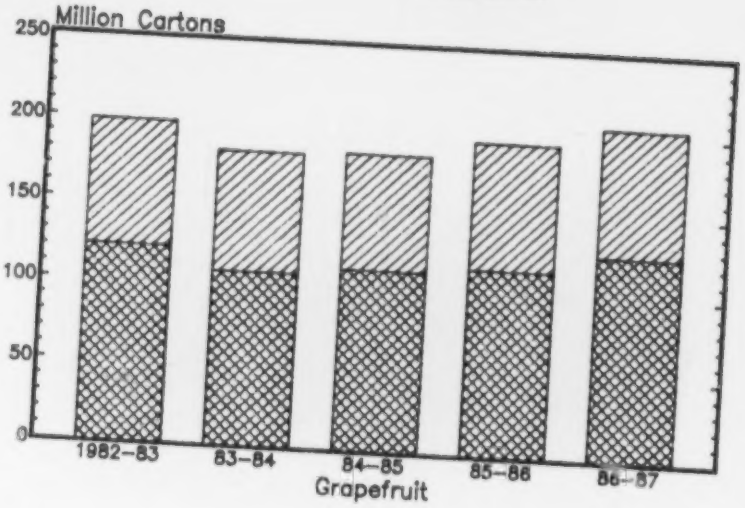
*Includes Temples, Tangelos and Honey Tangerines

WORLD CITRUS PRODUCTION
1982–83 through 1986–87

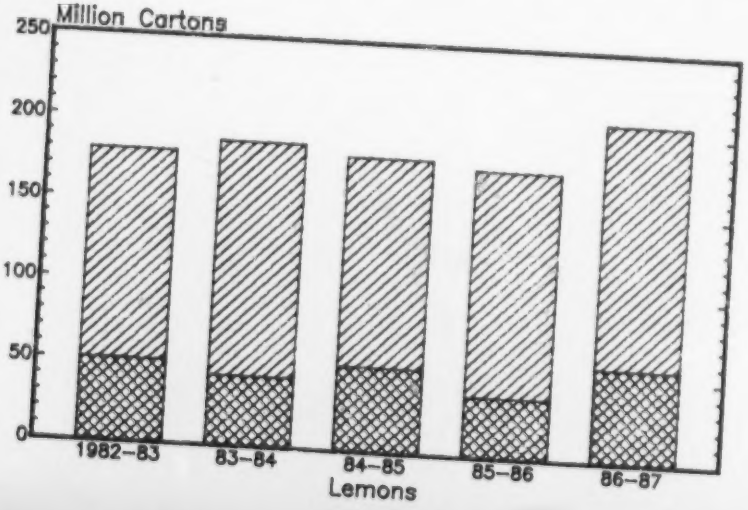
United States

Other Producing Countries





(Origin: Table 1)



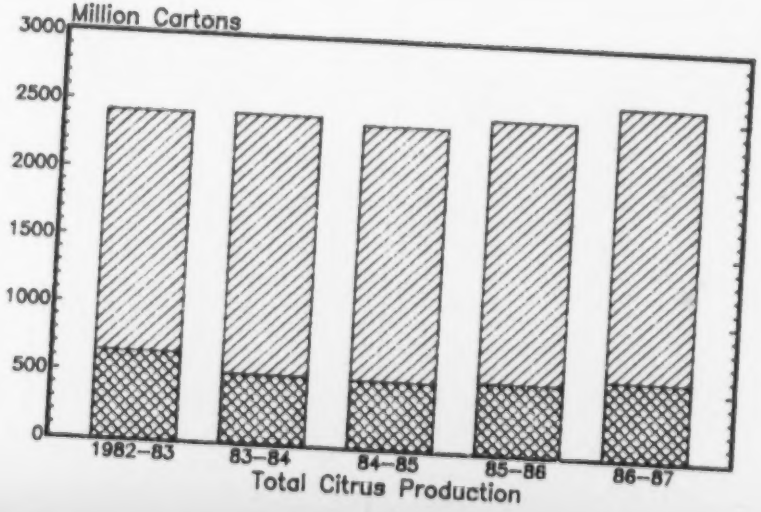


TABLE 1

WORLD AND UNITED STATES CITRUS PRODUCTION
(1967-68 to 1986-87)

Season	*Oranges & Tangerines			Lemons			Grapefruit			Total		
	World	U.S.	U.S. % of World	World	U.S.	U.S. % of World	World	U.S.	U.S. % of World	World	U.S.	U.S. % of World
	Million Cartons		%	Million Cartons		%	Million Cartons		%	Million Cartons		%
1967-68	1,018.1	268.6	26.4	73.9	35.6	48.2	120.3	88.1	73.2	1,212.3	392.3	32.4
1968-69	1,190.5	388.8	32.7	83.6	34.6	41.4	144.7	108.3	74.8	1,418.8	531.7	37.5
1969-70	1,269.5	394.7	31.1	124.4	33.5	26.9	150.5	107.8	71.6	1,544.4	536.0	34.7
1970-71	1,399.4	406.9	29.1	139.1	35.8	25.7	176.8	121.1	68.5	1,715.3	563.8	32.9
1971-72	1,454.6	414.0	28.5	135.8	37.1	27.3	184.5	128.3	69.5	1,774.9	579.4	32.6
1972-73	1,648.5	477.8	29.0	159.1	47.6	29.9	192.9	131.3	68.1	2,000.5	656.7	32.8
1973-74	1,674.6	463.1	27.7	160.9	39.0	24.2	193.6	131.0	67.7	2,029.1	633.1	31.2
1974-75	1,827.2	509.4	27.9	196.9	61.4	31.2	185.2	123.2	66.5	2,209.3	694.0	31.4
1975-76	1,900.3	522.4	27.5	180.8	38.0	21.0	204.2	140.2	68.7	2,285.3	700.6	30.7
1976-77	1,810.4	517.3	28.6	190.2	52.8	27.8	210.3	149.2	70.9	2,210.9	719.3	32.5
1977-78	1,915.7	473.9	24.7	194.4	53.6	27.6	216.2	149.3	69.1	2,326.3	676.8	29.1
1978-79	1,909.3	453.3	23.7	154.3	41.7	27.0	210.3	134.8	64.1	2,273.9	629.8	27.7
1979-80	2,181.9	590.3	27.1	171.4	44.5	26.0	228.2	146.4	63.6	2,581.5	781.2	30.3
1980-81	2,085.2	519.5	25.0	189.7	65.0	34.3	217.4	135.7	62.4	2,492.3	720.2	28.9
1981-82	2,002.6	383.1	19.1	190.6	51.0	26.7	223.3	140.8	63.0	2,416.5	574.9	23.8
1982-83	2,045.5	478.4	23.4	179.5	50.7	28.2	198.0	121.2	61.2	2,423.0	650.3	26.8
1983-84	2,061.3	362.0	17.6	186.4	42.5	22.8	181.4	107.2	59.1	2,429.1	511.7	21.1
1984-85	2,017.2	338.0	16.8	180.4	51.6	28.6	183.1	111.6	61.0	2,380.7	501.2	21.1
1985-86	2,089.5	370.5	17.7	175.6	36.7	20.9	193.5	114.9	59.4	2,458.6	522.1	21.2
1986-87	2,176.3	387.7	17.8	207.2	57.2	27.6	205.1	126.1	61.5	2,588.6	571.0	22.1

*: Includes Temples and Tangelos
Source: USDA, Foreign Agricultural Service - Foreign Agriculture Circular; Crop Reporting Board - Citrus Fruits by States; Florida Crop and Livestock Reporting Service - Florida Citrus.

TABLE 2

PRODUCTION OF CALIFORNIA-ARIZONA CITRUS
(1957-58 to 1986-87)

Season	Navels & Miscellaneous	Valencias	Total Oranges	Tangerines	Lemons	Grapefruit	Total
	1,000 Cartons						
1957-58	19,180	29,720	48,900		33,800	10,360	93,060
1958-59	34,340	47,280	81,620		34,480	8,800	124,900
1959-60	28,120	36,480	64,600		36,460	11,840	112,900
1960-61	18,880	33,440	52,320		28,680	9,960	90,960
1961-62	16,080	27,800	43,880	520	33,480	10,420	88,300
1962-63	26,080	34,240	60,320	420	25,980	9,340	96,060
1963-64	31,860	35,940	67,800	580	38,080	14,820	121,280
1964-65	31,740	33,340	65,080	1,080	28,420	14,260	108,840
1965-66	39,320	38,520	77,840	1,060	31,540	16,000	126,440
1966-67	36,520	46,100	82,620	1,600	35,820	13,360	133,400
1967-68	20,060	24,480	44,540	1,420	33,700	16,716	96,376
1968-69	39,740	59,620	99,360	1,620	31,620	15,140	147,740
1969-70	44,380	42,880	87,260	2,220	31,040	16,820	137,340
1970-71	37,320	44,800	82,120	3,060	32,900	15,120	133,200
1971-72	46,400	50,200	96,600	3,660	33,360	15,880	149,500
1972-73	39,520	54,800	94,320	4,260	44,400	16,880	159,860
1973-74	44,700	42,920	87,620	4,080	35,600	13,400	140,700
1974-75	57,640	62,300	119,940	4,300	58,800	19,420	202,460
1975-76	58,060	52,900	110,960	3,920	35,240	20,560	170,680
1976-77	52,800	45,700	98,500	4,940	52,000	21,400	176,840
1977-78	41,640	50,800	92,440	4,000	52,200	22,720	171,360
1978-79	43,000	37,400	80,400	3,800	39,200	16,760	140,160
1979-80	66,900	58,900	125,800	4,800	41,500	21,000	193,100
1980-81	79,300	56,400	135,700	5,120	62,600	21,720	225,140
1981-82	54,800	35,100	89,900	4,960	49,600	17,100	161,560
1982-83	82,500	77,300	159,800	6,500	50,700	20,000	237,000
1983-84	68,500	32,100	100,600	6,000	42,500	19,020	168,120
1984-85	53,700	56,000	109,700	4,760	51,600	23,600	189,660
1985-86	67,200	45,200	114,200	5,000	36,700	21,000	175,100
1986-87	70,900	52,400	123,300	5,860	57,200	22,600	208,960

Prior to 1961-62 Navels & Miscellaneous includes small amount of Tangerines.

Source: USDA, Crop Reporting Board - Citrus Fruits by States.

TABLE 3

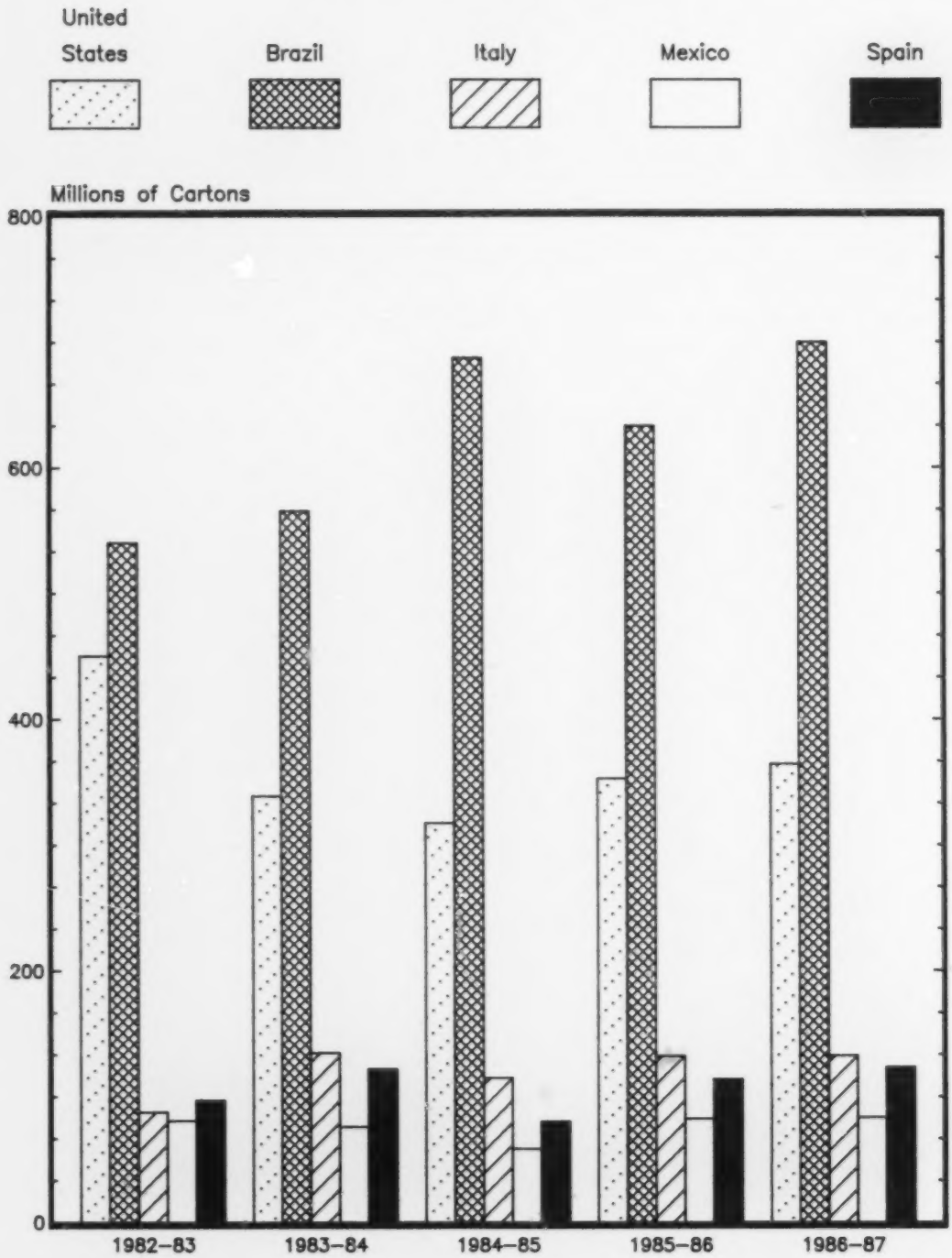
BEARING ACREAGE OF CALIFORNIA-ARIZONA CITRUS
(1957-58 to 1986-87)

Season	Navels & Miscellaneous	Valencias	Total Oranges	Tangerines	Lemons	Grapefruit	Total
	1,000 Acres						
1957-58	65.1	90.2	155.3		53.2	12.9	221.4
1958-59	63.8	87.9	151.7		54.7	12.9	219.3
1959-60	63.0	83.1	146.1		56.2	13.1	215.4
1960-61	63.3	80.8	144.1		55.8	13.8	213.7
1961-62	62.6	77.7	140.3		56.0	15.3	211.6
1962-63	64.0	73.7	137.7		52.8	16.8	207.3
1963-64	64.5	74.9	139.4		53.5	17.9	210.8
1964-65	66.4	73.2	139.6		50.0	18.0	207.6
1965-66	67.7	73.2	140.9	5.8	48.6	19.1	214.4
1966-67	70.8	77.4	148.2	7.0	47.4	19.2	221.8
1967-68	74.5	86.2	160.7	9.2	47.4	19.5	236.8
1968-69	79.3	93.0	172.3	11.6	48.7	19.9	252.5
1969-70	84.2	98.8	183.0	12.5	47.1	19.9	262.5
1970-71	91.4	101.1	192.5	12.7	50.4	19.5	275.1
1971-72	100.3	104.4	204.7	14.5	52.0	20.2	291.4
1972-73	107.4	105.5	212.9	14.9	55.6	21.3	304.7
1973-74	113.8	104.9	218.7	16.1	63.4	23.4	321.6
1974-75	119.1	101.0	220.1	18.8	66.1	25.6	330.6
1975-76	122.0	96.7	218.7	17.6	67.6	26.7	330.6
1976-77(a)	122.2	90.7	212.9	16.3	68.3	26.9	324.4
1977-78	118.6	86.9	205.5	13.7	69.9	28.2	317.3
1978-79	117.0	84.9	201.9	12.3	68.9	28.5	311.6
1979-80	117.4	84.1	201.5	11.7	70.0	29.8	313.0
1980-81	115.3	80.6	195.9	11.5	71.9	29.9	309.2
1981-82	113.4	79.9	193.3	11.8	75.9	30.2	311.2
1982-83	114.1	76.0	190.1	12.4	71.5	28.5	302.5
1983-84	114.0	74.9	188.9	12.3	68.1	28.6	297.9
1984-85	112.2	74.0	186.2	11.9	66.6	28.2	292.9
1985-86	111.3	74.4	185.7	11.8	66.7	26.6	290.8
1986-87	110.2	73.7	183.9	11.8	63.8	26.4	285.9

Prior to 1965-66 Tangerines included in Navels and Miscellaneous.
(a) No Arizona Acreage survey for 1976-77 season.
Source: California Fruit & Nut Acreage; California Fruit & Nut Statistics;

PRODUCTION OF ORANGES

MAJOR PRODUCING COUNTRIES



5–Year Comparison

(Origin: Table 4)

TABLE 4

PRODUCTION OF ORANGES IN SPECIFIED COUNTRIES
(1982-83 to 1986-87)

Countries	1982-83	1983-84	1984-85	1985-86	1986-87
	1,000 Cartons (37.5 lbs.)				
United States	450,360	339,020	317,500	351,420	364,450
Argentina	37,488	29,333	38,309	32,853	41,067
Australia	22,997	28,629	28,688	30,448	29,803
Brazil	540,320	562,496	687,280	633,131	699,600
Cuba	23,467	22,587	23,936	22,880	24,053
Cyprus	8,683	11,381	9,093	8,917	9,152
Greece	39,013	40,539	45,467	32,501	48,107
Israel	52,155	56,437	55,205	41,419	49,280
Italy	87,883	134,875	114,987	132,411	132,587
Lebanon	13,200	11,733	12,907	12,613	-
Mexico	80,960	76,267	58,667	82,720	83,600
Morocco*	39,307	43,824	40,245	49,339	37,253
South Africa*	29,920	30,037	28,512	29,099	30,213
Spain	96,917	121,851	80,080	113,931	123,200
Turkey	38,485	42,827	44,587	32,267	35,200
U.A.R. (Egypt)	70,459	72,923	69,344	68,523	68,640
All Others*	19,477	18,773	20,592	21,179	21,707
Total	1,651,091	1,643,532	1,675,399	1,695,651	1,797,912

* Includes Tangerines
Source: USDA, Foreign Agricultural Service - Foreign Agriculture Circular, Crop Reporting Board - Citrus Fruits by States.

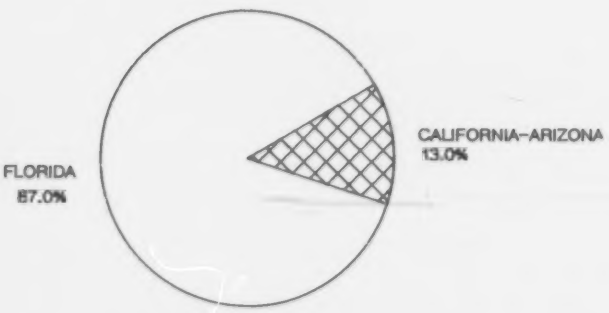
TABLE 5

PRODUCTION AND UTILIZATION OF ORANGES, BY STATES
(1977-78 to 1986-87)

Season	California-Arizona			Florida			Texas			Total U.S.		
	Total	Fresh	Fresh	Total	Fresh	Fresh	Total	Fresh	Fresh	Total	Fresh	Fresh
	Million Cartons		%	Million Cartons		%	Million Cartons		%	Million Cartons		%
1977-78	92.4	62.9	68	335.6	19.9	6	12.2	6.3	52	440.2	89.1	20
1978-79	80.4	52.8	66	328.0	23.4	7	12.8	4.2	33	421.2	80.4	19
1979-80	125.8	83.4	66	413.4	22.0	5	8.1	4.2	52	547.3	109.6	20
1980-81	135.7	78.6	58	344.8	16.6	5	8.7	5.7	66	489.2	100.9	21
1981-82	89.9	71.0	79	251.6	15.2	6	11.9	6.6	55	353.4	92.8	26
1982-83	159.8	91.6	58	279.2	20.6	7	11.4	6.7	59	450.4	118.9	26
1983-84	100.6	78.1	78	233.4	15.3	7	5.0	2.8	56	339.0	96.2	28
1984-85	109.7	84.7	77	207.8	13.3	6	(a)	(a)	(a)	317.5	98.0	31
1985-86	112.4	90.9	81	238.4	17.9	8	0.62	0.58	94	351.4	109.4	31
1986-87	123.3	89.5	73	239.4	17.7	7	1.8	1.6	89	364.5	108.8	30

Temples not included. (a) Due to December 1983 freeze, no commercial supplies were harvested.
Source: USDA, Crop Reporting Board - Citrus Fruits By States

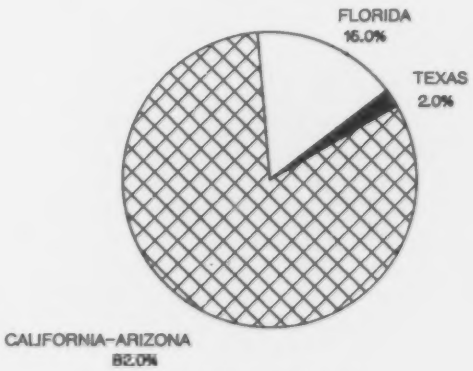
1986-87 U.S. ORANGE PRODUCTION BY STATE



(Origin: Table 5)

NOTE: Texas less than 1 percent

1986-87 U.S. ORANGE FRESH SHIPMENTS BY STATE



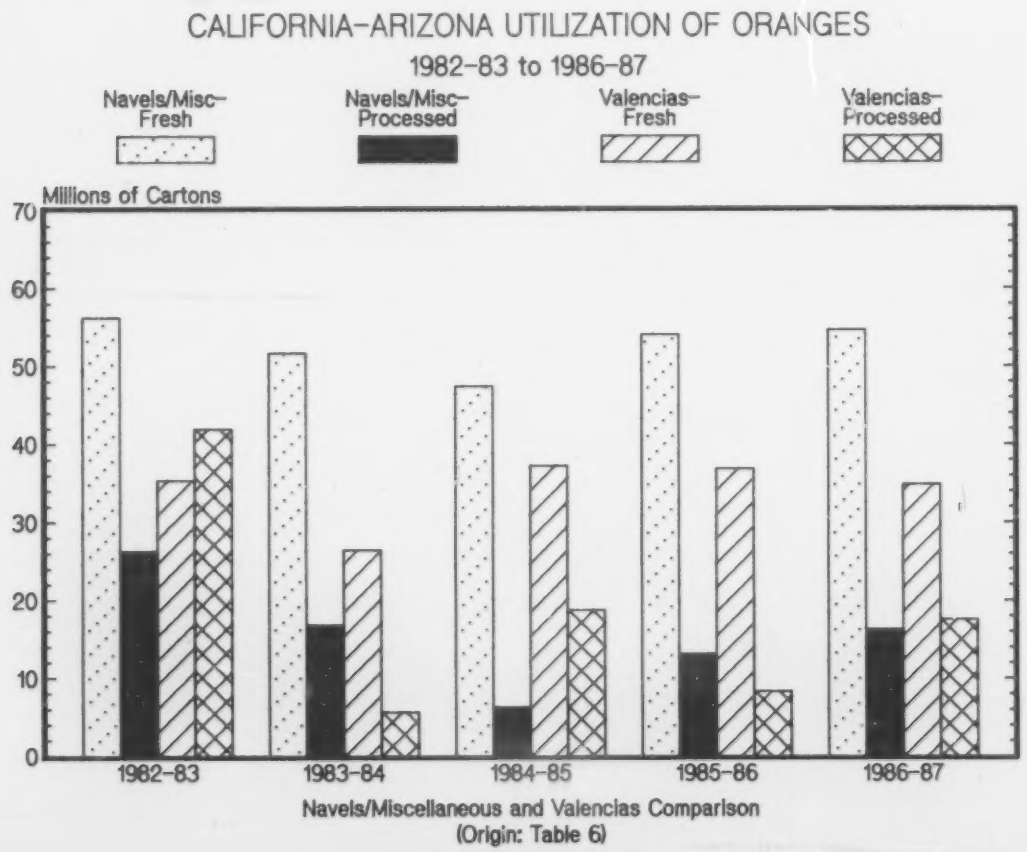
(Origin: Table 5)

TABLE 6

PRODUCTION AND UTILIZATION OF CALIFORNIA-ARIZONA ORANGES
(1977-78 to 1986-87)

Season	Navels & Miscellaneous			Valencia		
	Total	Fresh	Processed	Total	Fresh	Processed
	1,000 Cartons					
1977-78	41,640	31,770	9,870	50,800	31,100	19,700
1978-79	43,000	29,800	13,200	37,400	23,080	14,320
1979-80	66,900	44,700	22,200	58,900	38,660	20,240
1980-81	79,300	50,200	29,100	56,400	28,420	27,980
1981-82	54,800	43,840	10,960	35,100	27,200	7,900
1982-83	82,500	56,230	26,270	77,300	35,360	41,940
1983-84	68,500	51,660	16,840	32,100	26,460	5,640
1984-85	53,700	47,420	6,280	56,000	37,240	18,760
1985-86	67,200	54,060	13,140	45,200	36,860	8,340
1986-87	70,900	54,630	16,270	52,400	34,860	17,540

Source: USDA, Crop Reporting Board - Citrus Fruits By States



Navels/Miscellaneous and Valencias Comparison
(Origin: Table 6)

TABLE 7

UTILIZATION AND AVERAGE ON-TREE PRICES
For California-Arizona Oranges
(1977-78 to 1986-87)

Season	Navels & Miscellaneous						Valencias					
	Utilization			On-Tree Prices			Utilization			On-Tree Prices		
	Fresh	Products	Total	Fresh	Products	Total	Fresh	Products	Total	Fresh	Products	Total
	Million Cartons			Dollars per Carton			Million Cartons			Dollars per Carton		
1977-78	31.8	9.8	41.6	3.25	-0.40	2.38	31.1	19.7	50.8	3.36	0.40	2.21
1978-79	29.8	13.2	43.0	4.01	-0.15	2.73	23.1	14.3	37.4	3.41	0.53	2.31
1979-80	44.7	22.2	66.9	2.01	-0.19	1.28	38.7	20.2	58.9	1.64	0.13	1.12
1980-81	50.2	29.1	79.3	2.47	-0.65	1.33	28.4	28.0	56.4	3.12	0.38	1.76
1981-82	43.8	11.0	54.8	3.60	-0.52	2.77	27.2	7.9	35.1	5.87	0.08	4.57
1982-83	56.2	26.3	82.5	2.35	-0.23	1.53	35.4	41.9	77.3	1.94	0.02	0.90
1983-84	51.7	16.8	68.5	2.85	-0.62	2.00	26.5	5.6	32.1	7.24	0.09	5.99
1984-85	47.4	6.3	53.7	5.47	0.48	4.89	37.2	18.8	56.0	4.38	0.66	3.13
1985-86	54.1	13.1	67.2	3.63	-0.82	2.76	36.9	8.3	45.2	2.81	-0.59	2.18
1986-87	54.6	16.3	70.9	3.78	-0.88	2.71	34.9	17.5	52.4	4.29	-0.16	2.80

Source: USDA, Crop Reporting Board - Citrus Fruits By States; Agricultural Prices.

TABLE 8

UTILIZATION AND AVERAGE ON-TREE PRICES
For Florida and Texas Oranges
(1977-78 to 1986-87)

Season	Florida						Texas					
	Utilization			On-Tree Prices			Utilization			On-Tree Prices		
	Fresh	Products	Total	Fresh	Products	Total	Fresh	Products	Total	Fresh	Products	Total
	Million Cartons			Dollars per Carton			Million Cartons			Dollars per Carton		
1977-78	19.9	315.7	335.6	2.43	2.05	2.07	6.3	5.9	12.2	1.67	1.71	1.69
1978-79	23.4	304.6	328.0	2.68	2.31	2.33	4.2	8.6	12.8	1.94	1.55	1.68
1979-80	22.0	391.4	413.4	2.08	1.85	1.86	4.2	3.9	8.1	2.34	1.65	2.00
1980-81	16.6	328.2	344.8	2.90	1.98	2.02	5.7	3.0	8.7	2.07	1.54	1.88
1981-82	15.2	236.4	251.6	3.26	2.07	2.14	6.6	5.3	11.9	2.01	1.64	1.85
1982-83	20.6	258.6	279.2	2.97	2.58	2.58	6.7	4.7	11.4	2.08	1.47	1.83
1983-84	15.3	218.1	233.4	3.87	2.81	2.88	2.8	2.2	5.0	2.05	1.35	1.74
1984-85	13.3	194.5	207.8	5.56	3.42	3.56	(a)	(a)	(a)	-	-	-
1985-86	17.9	220.5	238.4	2.67	1.92	1.97	0.58	0.04	0.62	4.65	2.00	4.48
1986-87	17.7	221.7	239.4	3.09	2.35	2.40	1.6	0.2	1.8	3.93	1.24	3.65

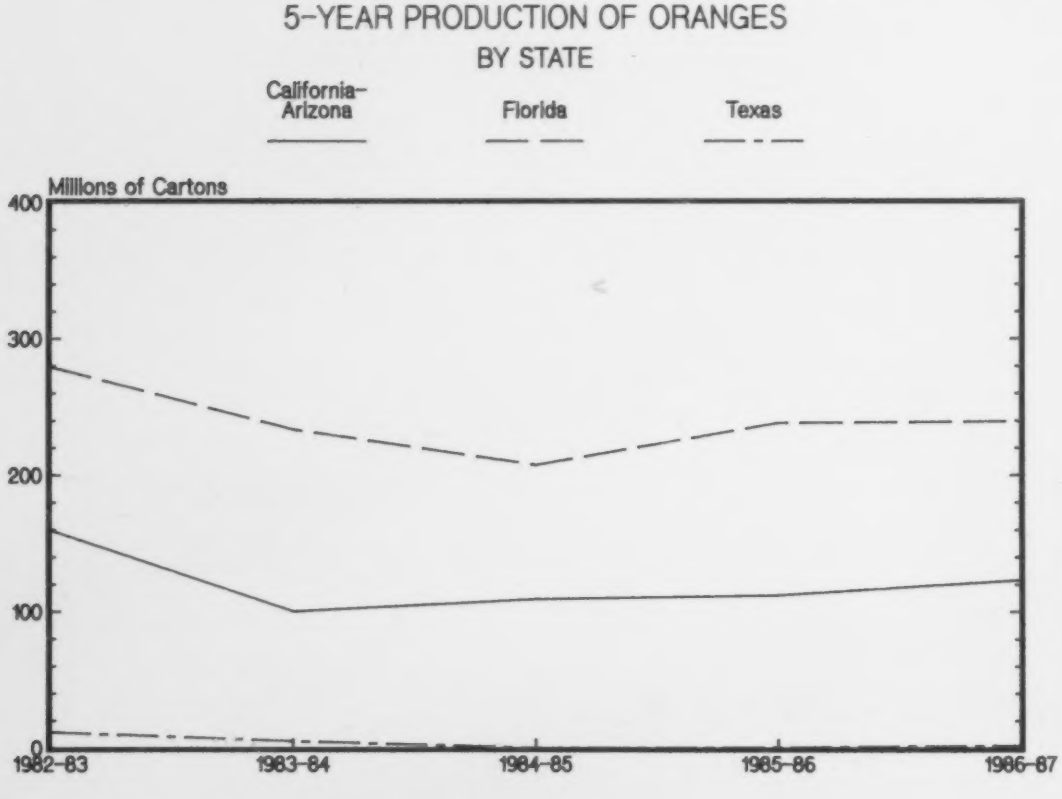
(a) Due to December 1983 freeze, no commercial supplies were harvested.
Source: USDA, Crop Reporting Board - Citrus Fruits By States; Agricultural Prices.
Florida Agricultural Statistics.

TABLE 9

BEARING ACREAGE AND PRODUCTION OF ORANGES BY STATES
(1977-78 to 1986-87)

Season	California-Arizona		Florida		Texas		Total U.S.	
	Bearing Acreage	Production	Bearing Acreage	Production	Bearing Acreage	Production	Bearing Acreage	Production
	1,000 Acres	Million Cartons	1,000 Acres	Million Cartons	1,000 Acres	Million Cartons	1,000 Acres	Million Cartons
1977-78	205.5	92.4	579.0	335.6	28.2	12.2	812.7	440.2
1978-79	201.9	80.4	571.5	328.0	27.8	12.8	801.2	421.2
1979-80	201.5	125.8	576.6	413.4	27.8	8.1	805.9	547.3
1980-81	195.9	135.7	573.4	344.8	25.3	8.7	794.6	489.2
1981-82	193.3	89.9	560.2	251.6	23.7	11.9	777.2	353.4
1982-83	190.1	159.8	536.8	279.2	24.0	11.4	750.9	450.4
1983-84	188.9	100.6	530.3	233.4	24.3	5.0	743.5	339.0
1984-85	186.2	109.7	420.1	207.8	11.4	(a)	617.7	316.7
1985-86	185.7	112.4	367.6	238.4	8.3	0.62	561.6	351.4
1986-87	183.9	123.3	375.4	239.4	8.3	1.8	567.6	364.5

(a): Due to December 1983 Freeze no Commercial Supplies
Source: USDA, Crop Reporting Board - Citrus Fruits by States; California Fruit & Nut Acreage; Arizona Fruit & Vegetable Standardization Service; Florida Agricultural Statistics.



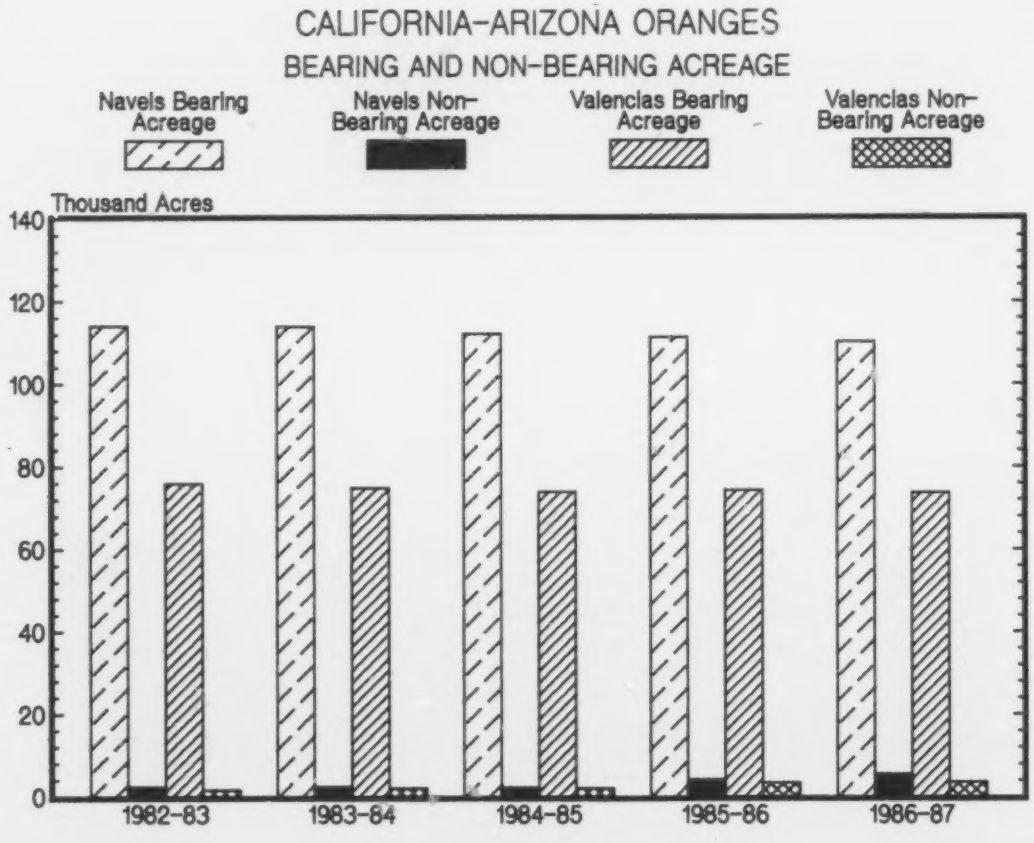
(Origin: Table 9)

TABLE 10

BEARING AND NON-BEARING ACREAGE OF CALIFORNIA-ARIZONA ORANGES
(1977-78 to 1986-87)

Season	Navels & Miscellaneous			Valencias		
	Bearing	Non-Bearing*	Total	Bearing	Non-Bearing*	Total
	Acres					
1977-78	118,551	5,403	123,954	86,879	1,023	87,902
1978-79	117,021	3,628	120,649	84,852	999	85,851
1979-80	117,404	3,313	120,717	84,052	1,077	85,129
1980-81	115,298	3,188	118,486	80,635	1,190	81,825
1981-82	113,366	2,899	116,265	79,866	1,409	81,275
1982-83	114,052	2,380	116,432	75,970	1,640	77,610
1983-84	113,959	2,481	116,440	74,910	2,085	76,995
1984-85	112,186	2,292	114,478	73,951	2,042	75,993
1985-86	111,300	4,200	115,500	74,400	3,400	77,800
1986-87	110,200	5,500	115,700	73,700	3,600	77,300

*: Starting with 1975-76, Arizona data not available.
Source: California Fruit & Nut Acreage; Arizona Fruit & Vegetable Standardization Service; Orange Adm. Committee.



(Origin: Table 10)

TABLE 11

COST OF PRODUCING AND MARKETING CALIFORNIA-ARIZONA PACKED ORANGES
(1977-78 to 1986-87)

	Production	Bearing Acreage	Cartons Per Acre	Cultural Cost	Picking and Hauling	Packing	Selling and Advertising	Trans to New York
	1,000 Cartons	Acres	Cartons	Dollars Per Packed Equivalent Carton				
1977-78	92,440	205,430	450	NA	0.59	1.31	0.31	1.60
1978-79	80,400	201,873	398	3.32	0.65	1.42	0.27	1.75
1979-80	125,800	201,456	624	2.27	0.71	1.56	0.34	1.88
1980-81	135,700	195,933	693	3.18	0.79	1.66	0.38	1.72
1981-82	89,900	193,232	465	4.70	0.82	1.79	0.42	1.82
1982-83	159,800	190,022	841	2.55	0.81	1.90	0.48	1.92
1983-84	100,600	188,869	533	5.25	0.82	2.02	0.51	2.48
1984-85	109,700	186,137	589	4.03	0.83	2.07	0.49	2.60
1985-86	112,400	185,700	605	4.19	0.82	2.09	0.51	2.75
1986-87(P)	123,000	183,900	670	NA	0.84	2.12	0.53	2.75

NA: Not Available
Source: USDA, Crop Reporting Board - Citrus Fruits By States; California Fruit & Nut Acreage; Arizona Fruit & Vegetable Standardization Service; California-Arizona Citrus League; Sunkist Growers, Inc.; UCR; UAT; Orange Adm. Committees.

TABLE 12

FRESH SHIPMENTS, F.O.B. PRICE AND AVERAGE SIZE
For California-Arizona Oranges
(1977-78 to 1986-87)

	Navels & Miscellaneous				Valencias		
Nov-April	Commercial Fresh Shipments	F.O.B. Price	Average Size	May-Oct.	Commercial Fresh Shipments	F.O.B. Price	Average Size
	Million Cartons	Dollars Per Ctn.	Oranges Per Ctn.		Million Cartons	Dollars Per Ctn.	Oranges Per Ctn.
1977-78	31.0	5.61	89	1978	24.9	6.03	109
1978-79	28.3	7.11	88	1979	20.3	6.97	94
1979-80	40.2	5.07	81	1980	33.6	5.12	95
1980-81	40.3	5.41	102	1981	25.0	6.47	106
1981-82	42.5	6.68	88	1982	21.4	9.99	100
1982-83	45.9	5.70	97	1983	30.6	5.33	108
1983-84	50.2	6.19	82	1984	22.2	11.35	105
1984-85	53.3	8.83	95	1985	30.4	7.66	112
1985-86	49.2	7.35	86	1986	31.7	7.27	98
1986-87	48.4	7.04	101	1987	23.6	8.27	115

Source: Orange Administrative Committee; Sunkist Growers, Inc.

TABLE 13

AUCTION SALES AND DELIVERED AVERAGE PRICE
For California-Arizona oranges
(1977-78 to 1986-87)

Season	Navels & Misc.		Valencias		Total Oranges	
	Volume Sold	Delivered Average	Volume Sold	Delivered Average	Volume Sold	Delivered Average
	1,000 Cartons	Dollars Per Carton	1,000 Cartons	Dollars Per Carton	1,000 Cartons	Dollars Per Carton
1977-78	1,097	6.50	1,838	6.71	2,935	6.63
1978-79	951	8.13	1,302	7.14	2,253	7.56
1979-80	1,216	5.93	1,013	6.41	2,229	6.15
1980-81	1,155	6.33	1,038	6.59	2,193	6.45
1981-82	489	7.51	649	8.99	1,138	8.35
1982-83	785	6.08	738	5.56	1,523	5.83
1983-84	466	6.37	374	10.49	840	8.20
1984-85	102	8.34	170	7.63	272	7.90
1985-86	39	7.54	47	8.10	86	7.85
1986-87	42	6.88	18	7.52	60	7.07

Source: Sunkist Growers, Inc.

TABLE 14

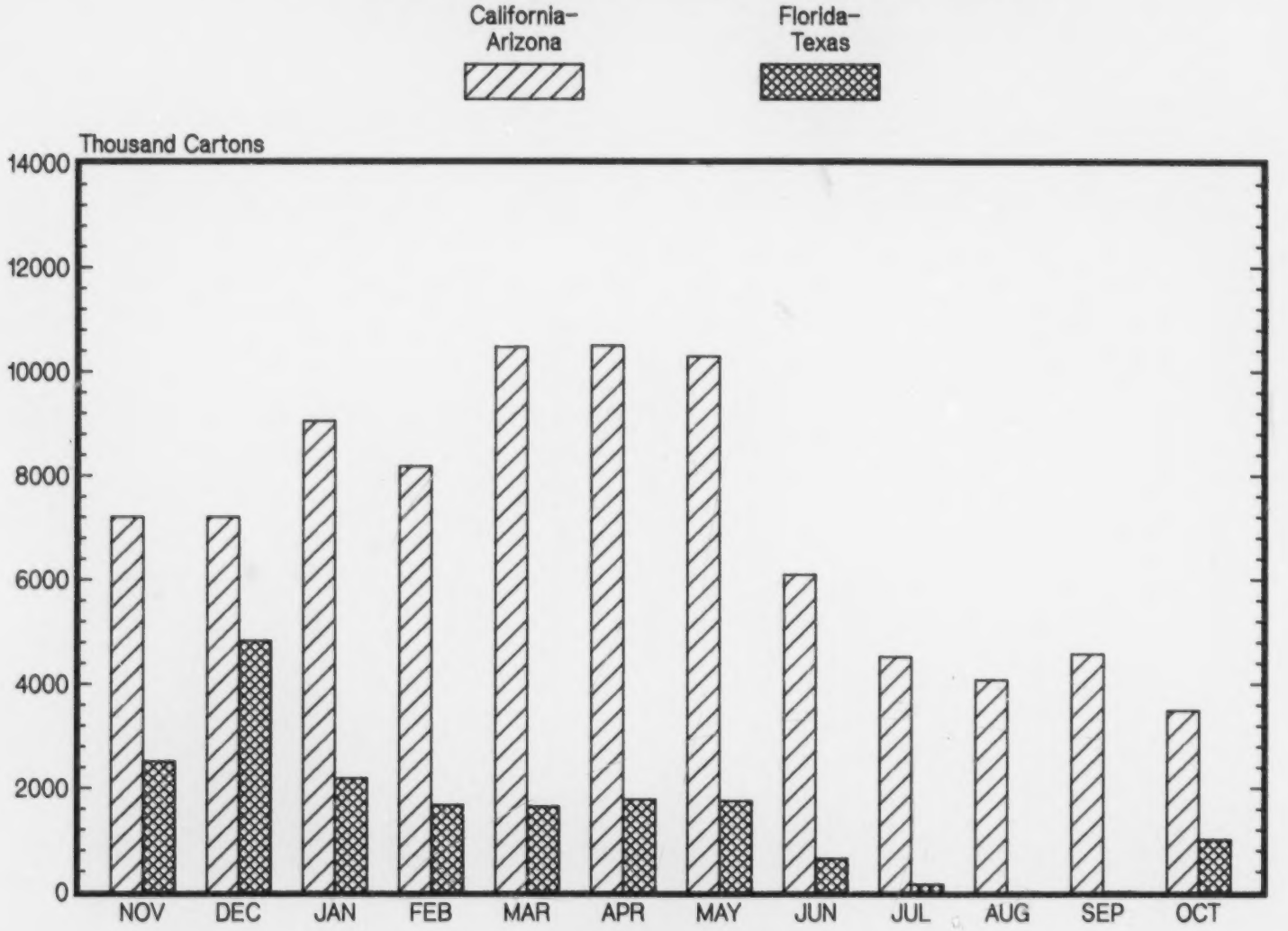
SIZE PERCENTAGE OF DOMESTIC SHIPMENTS
For California-Arizona Oranges
(1986-87)

Size	Central		Southern		Desert	
	Navels	Valencias	Navels	Valencias	Navels	Valencias
			Percent			
40's & Larger	0.40	0.06	0.19	0.03	0.29	0.05
48	1.55	0.46	0.69	0.33	0.99	0.93
56	7.65	2.89	4.88	3.45	5.43	9.84
72	20.12	8.29	10.57	7.37	12.51	10.07
88	31.48	23.71	17.34	18.01	24.93	19.92
113	26.17	32.80	20.20	23.74	27.48	26.56
138	10.86	25.86	20.98	25.16	18.12	21.91
163	1.76	5.92	25.00	21.82	6.29	7.72
180	0.01	0.01	0.13	0.07	1.06	1.76
210's & Smaller	-	-	0.02	0.02	2.90	1.24
Avg. Size	95	111	119	120	109	109

Source: Navel & Valencia Orange Administrative Committees.

COMMERCIAL ORANGE FRESH SHIPMENTS

With California-Arizona combined & Florida-Texas combined



1986-87 SEASON

(Origin: Tables 15 & 16)

TABLE 15

COMMERCIAL FRESH SHIPMENTS, BY MONTHS
For California-Arizona Oranges
(1977-78 to 1986-87)

Season	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Total
	1,000 Cartons												
1977-78	3,311	5,559	5,601	6,451	7,383	8,195	6,831	5,582	3,862	3,570	3,105	2,436	61,886
1978-79	3,348	5,707	4,879	4,419	5,687	6,470	5,416	3,746	3,207	3,176	3,412	3,125	52,592
1979-80	4,351	5,794	6,782	7,484	9,725	9,976	10,435	7,581	6,354	5,749	4,951	3,173	82,355
1980-81	4,071	5,854	7,255	6,868	9,493	9,398	9,629	7,413	5,421	3,700	4,329	4,382	77,813
1981-82	6,609	6,844	7,729	7,970	9,772	9,644	7,296	4,748	4,149	3,224	1,816	686	70,487
1982-83	4,656	6,858	8,868	8,359	9,713	10,517	11,225	8,306	5,285	4,678	5,498	5,254	89,217
1983-84	5,960	8,273	10,111	10,062	11,227	10,734	7,663	4,086	3,177	3,106	3,129	2,837	80,365
1984-85	7,629	6,041	8,800	8,775	10,033	9,409	7,680	4,677	4,247	4,471	4,934	5,185	81,881
1985-86	7,457	7,976	9,541	8,589	11,506	9,880	10,422	5,962	4,907	5,248	5,814	5,546	92,848
1986-87	7,203	7,203	9,050	8,177	10,469	10,494	10,293	6,093	4,522	4,080	4,578	3,497	85,659

Source: Orange Administrative Committee; Sunkist Growers, Inc.

TABLE 16

COMMERCIAL FRESH SHIPMENTS, BY MONTHS
For Florida and Texas Oranges
(1977-78 to 1986-87)

Season	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Total
	1,000 Cartons												
1977-78	3,234	5,416	2,359	2,380	2,504	2,301	1,780	1,013	292	145	63	885	22,372
1978-79	3,175	5,447	2,329	2,329	2,394	2,582	2,651	1,347	456	103	7	902	23,722
1979-80	3,313	5,160	2,397	2,844	2,677	2,376	2,062	916	349	64	36	904	23,098
1980-81	3,355	5,864	1,958	2,008	1,842	1,317	1,081	484	88	30	52	970	19,049
1981-82	2,635	5,499	1,803	1,827	1,940	1,738	1,431	429	15	2	297	2,556	20,172
1982-83	3,574	5,507	2,160	2,282	2,438	2,513	1,797	660	86	20	57	994	22,088
1983-84	2,960	5,675	1,178	1,165	1,164	1,083	938	325	21	13	66	1,050	15,638
1984-85	2,252	3,569	1,365	700	993	1,058	1,123	385	36	7	24	1,158	12,670
1985-86	2,304	4,611	1,848	1,609	1,707	1,955	1,522	562	212	6	29	1,158	17,523
1986-87	2,515	4,824	2,186	1,677	1,649	1,785	1,756	646	153	2	8	1,013	18,214

Note: 1984-85 No Commercial Shipments for Texas.

Source: USDA Federal-State Market News Service; Florida Agricultural Statistics - Citrus Summary.

TABLE 17

CALIFORNIA-ARIZONA NAVELS
Weekly Shipments
(1986-87 Season)

Week Through	Central		Southern		Desert		Total	
	Fresh	Products	Fresh	Products	Fresh	Products	Fresh	Products
	Carloads of 1,000 cartons each							
Oct. 16, 1986	43	7	-	-	11	5	54	12
23	260	66	-	-	50	5	310	71
30	1,013	265	2	13	127	20	1,142	298
Nov. 06	1,146	347	4	11	162	13	1,312	371
13	1,419	317	32	16	147	22	1,598	355
20	1,524	256	39	33	145	23	1,708	312
27	1,156	190	58	30	96	20	1,310	240
Dec. 04	1,746	271	85	64	103	22	1,934	357
11	1,911	310	127	98	98	19	2,136	427
18	1,675	311	178	111	81	25	1,934	447
25	780	171	197	115	59	9	1,036	295
Jan. 01, 1987	918	160	185	117	61	11	1,164	288
08	1,468	267	261	120	66	13	1,795	400
15	1,646	349	343	187	47	10	2,036	546
22	2,062	459	407	226	48	10	2,517	695
29	1,573	454	329	264	53	20	1,955	738
Feb. 05	1,580	518	300	264	48	22	1,928	804
12	1,621	549	332	268	36	8	1,989	825
19	1,534	479	341	321	25	3	1,900	803
26	1,739	594	291	204	22	2	2,052	800
Mar. 05	1,773	611	258	201	30	5	2,061	817
12	1,875	568	251	200	33	3	2,159	771
19	1,965	604	289	207	6	1	2,260	812
26	1,856	582	262	158	1	1	2,119	741
Apr. 02	1,886	728	245	236	-	1	2,131	965
09	1,893	692	185	170	-	-	2,078	862
16	1,807	754	153	167	-	-	1,960	921
23	1,586	669	109	154	-	-	1,695	823
30	1,667	724	62	110	-	-	1,729	834
May. 07	1,515	654	31	68	-	-	1,546	722
14	1,164	555	26	82	-	-	1,190	637
21	680	337	25	50	-	-	705	387
28	279	152	14	44	-	-	293	196
Jun. 04	152	85	10	43	-	-	162	128
11	53	25	8	19	-	-	61	44
18	4	1	5	7	-	-	9	8
25	2	-	-	1	-	-	2	1
TOTAL	46,971	14,081	5,444	4,379	1,555	293	53,970	18,753

Source: Navel Orange Administrative Committee.

TABLE 18

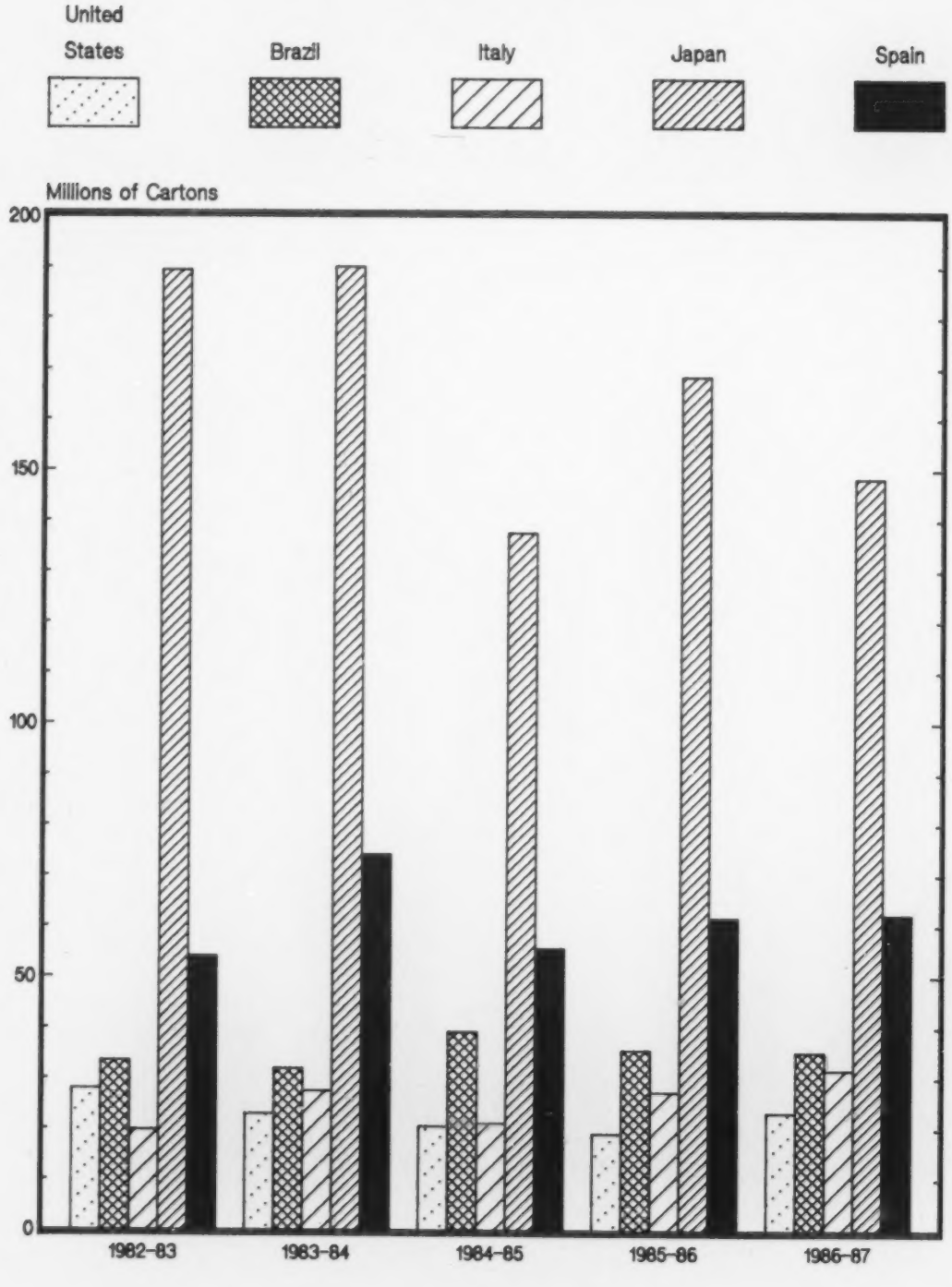
CALIFORNIA-ARIZONA VALENCIAS
Weekly Shipments
(1986-87 Season)

Week Ending	Central		Southern		Desert		Total	
	Fresh	Products	Fresh	Products	Fresh	Products	Fresh	Products
	Carloads of 1,000 cartons each							
Jan. 29,1987	-	-	-	-	2	-	2	-
Feb. 05	-	-	-	-	4	-	4	-
12	-	-	-	-	10	2	10	2
19	-	-	-	-	41	16	41	16
26	-	-	-	-	93	19	93	19
Mar. 05	22	3	-	-	127	43	149	46
12	8	1	2	4	171	63	181	68
19	1	-	5	6	187	94	193	100
26	-	3	43	25	198	72	241	100
Apr. 02	7	-	71	73	198	115	276	188
09	29	9	131	119	270	195	430	323
16	110	20	164	177	226	145	500	342
23	176	45	196	227	216	116	588	388
30	272	76	306	342	240	136	818	554
May 07	529	142	409	379	226	120	1,164	641
14	672	179	531	407	171	104	1,374	690
21	1,029	294	544	436	125	66	1,698	796
28	990	292	447	340	93	62	1,530	694
Jun. 04	1,074	340	564	515	66	37	1,704	892
11	973	313	497	468	47	24	1,517	805
18	794	272	505	522	71	27	1,370	821
25	736	291	450	534	37	36	1,223	861
Jul. 02	688	287	486	536	22	12	1,196	835
09	557	226	367	417	15	35	939	678
16	614	243	486	546	3	5	1,103	794
23	565	227	428	474	-	-	993	701
30	539	226	476	529	-	-	1,015	755
Aug. 06	480	182	434	422	-	-	914	604
13	418	155	445	334	-	-	863	489
20	440	159	428	345	-	-	868	504
27	525	146	461	348	-	-	986	494
Sep. 03	556	155	454	313	-	-	1,010	468
10	643	170	365	323	-	-	1,008	493
18	770	240	425	324	-	-	1,195	564
24	704	234	385	316	-	-	1,089	550
Oct. 01	624	219	371	324	-	-	995	543
08	621	223	348	314	-	-	969	537
15	603	190	265	174	-	-	868	364
22	421	95	205	108	-	-	626	203
29	203	43	141	111	-	-	344	154
Nov. 05	53	11	146	68	-	-	199	79
12	15	24	100	52	-	-	115	76
19	24	10	74	55	-	-	98	65
26	10	20	29	16	-	-	39	36
Dec. 04	5	10	7	15	-	-	12	25
10	-	-	3	20	-	-	3	20
17	-	-	1	2	-	-	1	2
24	-	47	1	2	-	-	1	49
31	-	-	-	7	-	-	-	7
Total	17,500	5,822	12,196	11,069	2,859	1,544	32,555	18,435

Source: Valencias Orange Administrative Committee.

PRODUCTION OF TANGERINES

MAJOR PRODUCING COUNTRIES



5-Year Comparison

(Origin: Table 19)

TABLE 19

PRODUCTION OF TANGERINES IN SPECIFIED COUNTRIES
(1982-83 to 1986-87)

Countries	1982-83	1983-84	1984-85	1985-86	1986-87
	1,000 Cartons (37.5 lbs.)				
United States	28,000	23,000	20,560	19,100	23,260
Argentina	14,315	14,315	14,139	14,667	15,253
Australia	2,112	1,995	1,877	1,877	1,819
Brazil	33,499	31,093	39,189	35,552	35,200
Cuba	2,053	1,173	1,173	1,877	1,760
Greece	2,581	3,403	2,992	3,168	3,696
Israel	5,045	6,101	5,808	7,216	7,627
Italy	19,829	27,573	21,120	27,339	31,680
Japan	189,376	190,021	137,515	168,373	148,309
Lebanon	2,347	2,053	1,760	2,053	-
Mexico	6,453	6,571	3,931	7,216	5,749
Morocco	14,373	14,256	14,315	20,357	17,013
Spain	53,973	74,096	55,557	61,600	62,187
Turkey	11,616	13,493	12,848	14,080	15,253
U.A.R. (Egypt)	6,629	6,219	6,101	6,219	6,336
Uruguay	2,053	2,229	2,640	2,816	2,933
All Others	176	176	293	293	293
	394,430	417,767	341,818	393,803	378,368

Source: USDA, Foreign, Agricultural Service - Foreign Agriculture Circular,
Crop Reporting Board - Citrus Fruits By States.
Florida Agricultural Statistics - Citrus Summary.

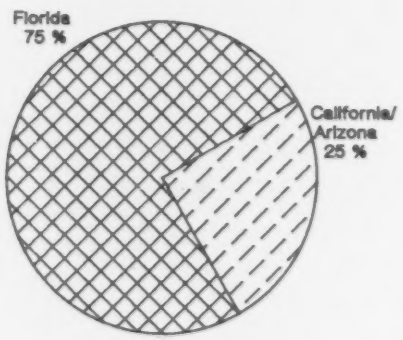
TABLE 20

PRODUCTION AND UTILIZATION OF TANGERINES BY STATES
(1977-78 to 1986-87)

Season	California-Arizona			Florida			Total United States		
	Total	Fresh	Fresh	Total	Fresh	Fresh	Total	Fresh	Fresh
	1,000 Cartons		%	1,000 Cartons		%	1,000 Cartons		%
1977-78	4,000	2,460	62	29,700	13,582	46	33,700	16,042	48
1978-79	3,800	2,400	63	28,300	13,510	48	32,100	15,910	50
1979-80	4,800	2,450	51	38,200	16,798	44	43,000	19,248	45
1980-81	5,120	2,320	45	25,200	10,682	42	30,320	13,002	43
1981-82	4,960	3,140	63	24,800	9,070	37	29,760	12,210	41
1982-83	6,500	3,780	58	21,500	9,862	46	28,000	13,642	49
1983-84	6,000	3,640	61	17,000	7,524	44	23,000	11,164	49
1984-85	4,760	3,430	72	15,800	5,574	35	20,560	9,004	44
1985-86	5,000	3,600	72	14,100	5,978	42	19,100	9,578	50
1986-87	5,860	4,394	75	17,400	6,354	37	23,260	10,748	46

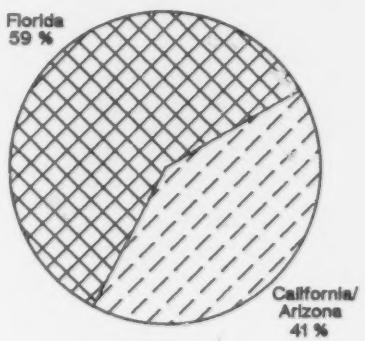
Includes: Temples, Royal Mandarins, Tangelos, Tangors and Honey Tangerines.
Source: USDA, Crop Reporting Board - Citrus Fruits By States; Florida Agricultural Statistics - Citrus Summary; Florida Citrus Mutual - Annual Statistical Report; Florida Annual Statistical Board.

1986-87
U.S. PRODUCTION OF TANGERINES BY STATE



(Origin: Table 20)

1986-87
TANGERINE FRESH SHIPMENTS BY STATE



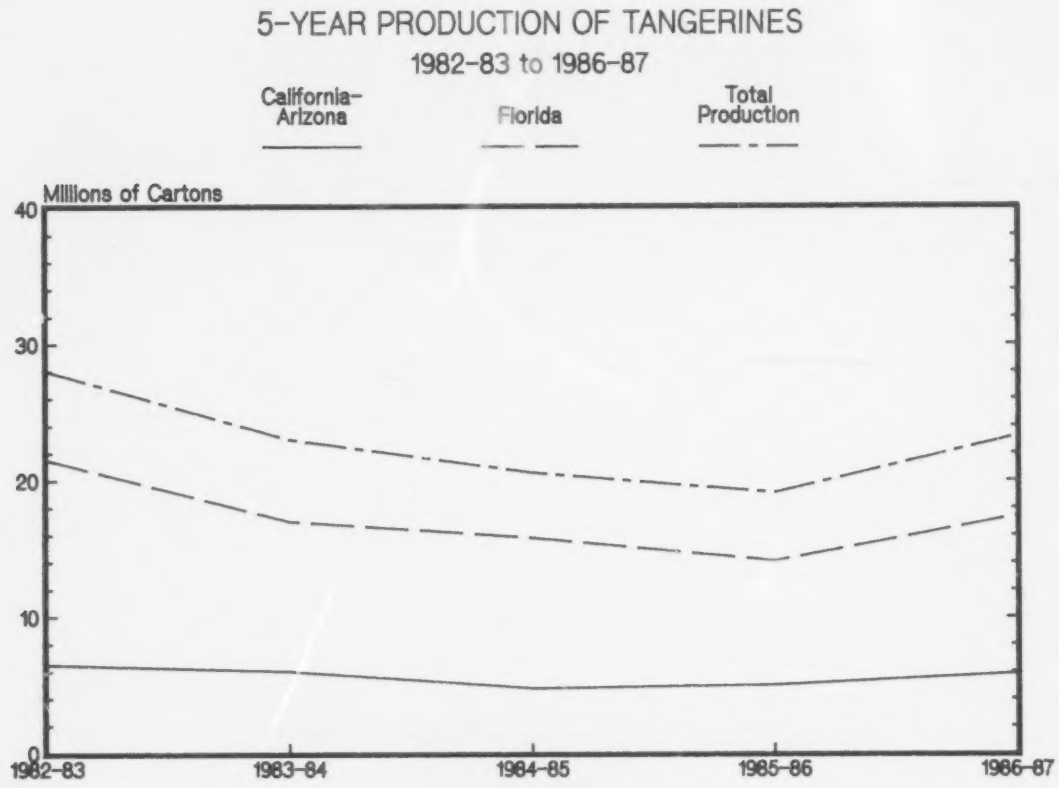
(Origin: Table 20)

TABLE 21

BEARING ACREAGE AND PRODUCTION OF TANGERINES BY STATES
(1977-78 to 1986-87)

Season	California-Arizona		Florida		Total United States	
	Bearing Acreage	Production	Bearing Acreage	Production	Bearing Acreage	Production
	1,000 Acres	1,000 Cartons	1,000 Acres	1,000 Cartons	1,000 Acres	1,000 Cartons
1977-78	13.7	4,000	61.7	29,700	75.4	33,700
1978-79	12.3	3,800	59.3	28,300	71.6	32,100
1979-80	11.7	4,800	58.9	38,200	70.6	43,000
1980-81	11.5	5,120	57.5	25,200	69.0	30,320
1981-82	11.8	4,960	53.5	24,800	65.3	29,760
1982-83	12.4	6,500	50.3	21,500	62.7	28,000
1983-84	12.3	6,000	44.0	17,000	56.0	23,000
1984-85	11.9	4,760	33.6	15,800	45.2	20,560
1985-86	11.8	5,000	28.3	14,100	40.3	19,100
1986-87	11.8	5,860	26.4	17,400	38.2	23,260

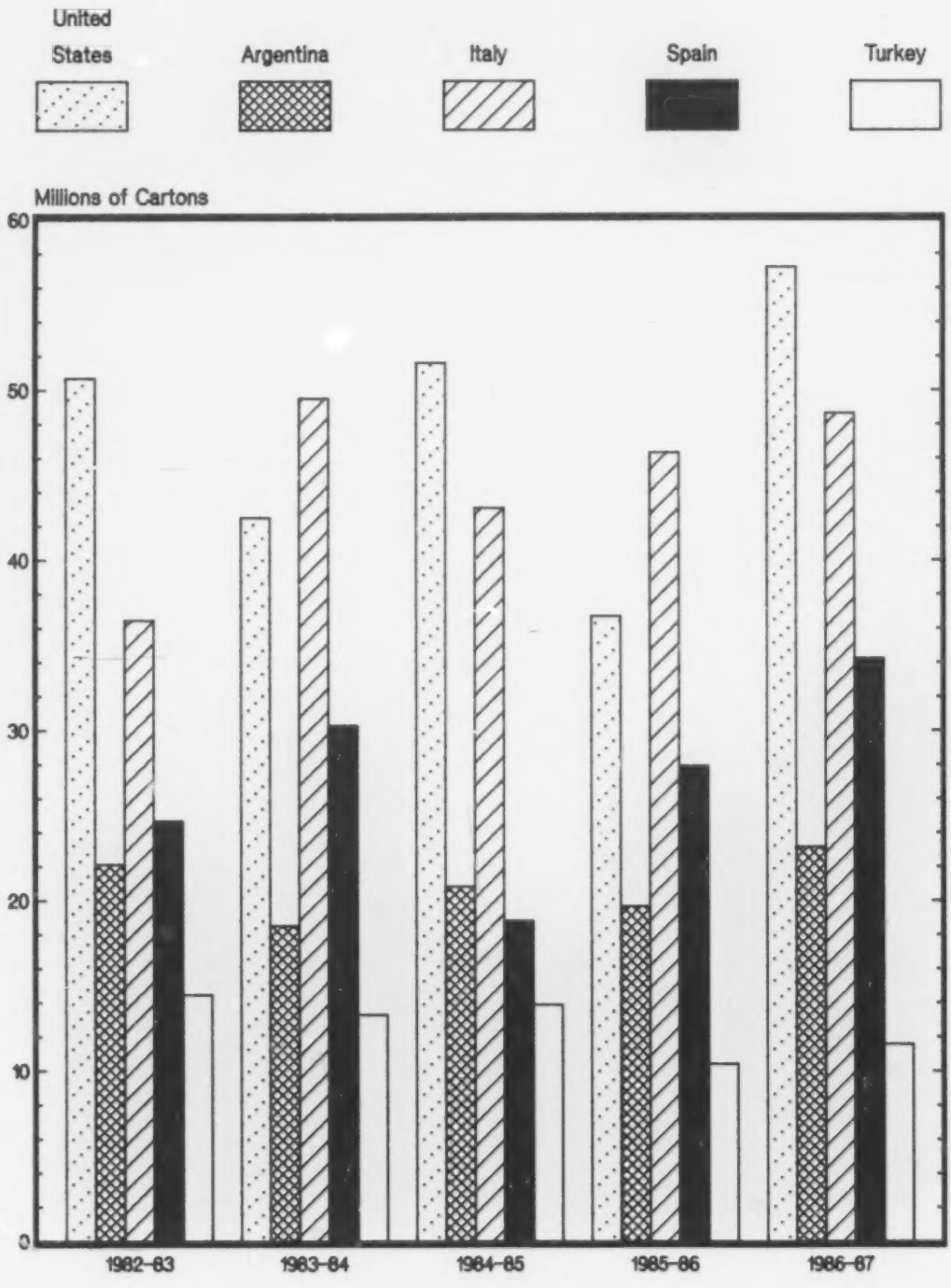
Includes: Temples, Royal Mandarins, Tangelos, Tangors and Honey Tangerines.
Source: USDA, Crop Reporting Board - Citrus Fruits By States; California Fruit & Nut Acreage; Arizona Fruit & Vegetable Standardization Service; Florida Agricultural Statistics - Citrus Summary.



(Origin: Table 21)

PRODUCTION OF LEMONS

MAJOR PRODUCING COUNTRIES



5-Year Comparison

(Origin: Table 22)

TABLE 22

PRODUCTION OF LEMONS IN SPECIFIED COUNTRIES
(1982-83 to 1986-87)

Countries	1982-83	1983-84	1984-85	1985-86	1986-87
	1,000 Cartons (38 lbs.)				
United States	50,700	42,500	51,600	36,700	57,200
Argentina	22,116	18,526	20,842	19,684	23,158
Australia	1,679	2,663	2,663	2,721	2,316
Brazil	926	926	926	926	926
Chile	4,052	3,474	4,053	4,053	4,053
Cyprus	2,489	2,605	2,489	3,126	3,242
Gaza	463	637	695	811	811
Greece	9,553	10,884	8,974	10,768	10,421
Israel	4,342	3,416	3,821	2,895	3,184
Italy	36,474	49,500	43,074	46,315	48,632
Lebanon	2,895	2,316	1,737	2,026	-
Morocco	521	868	1,042	984	926
Spain	24,663	30,279	18,816	27,905	34,216
South Africa	2,663	2,779	3,242	3,300	3,474
Turkey	14,474	13,316	13,895	10,421	11,579
Uruguay	1,274	1,447	2,258	2,663	2,779
All Others	232	232	289	289	289
Total	179,516	186,368	180,417	175,587	207,206

Source: USDA, Foreign Agricultural Service - Foreign Agriculture Circular; Crop Reporting Board - Citrus Fruits By States; Florida Agricultural Statistics - Florida Citrus.

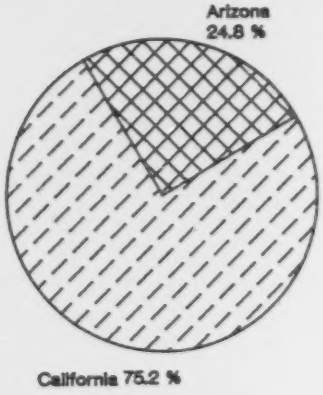
TABLE 23

PRODUCTION AND UTILIZATION OF CALIFORNIA AND ARIZONA LEMONS
(1977-78 to 1986-87)

Season	California			Arizona			Total California-Arizona		
	Total	Fresh	Fresh	Total	Fresh	Fresh	Total	Fresh	Fresh
	Million Cartons		%	Million Cartons		%	Million Cartons		%
1977-78	40.6	19.8	49	11.6	4.6	40	52.2	24.4	47
1978-79	28.2	18.3	65	11.0	5.6	51	39.2	23.9	61
1979-80	35.4	18.2	52	6.1	3.2	52	41.5	21.4	52
1980-81	48.6	18.3	38	14.0	4.5	32	62.6	22.8	36
1981-82	37.0	15.9	43	12.6	5.2	41	49.6	21.1	43
1982-83	40.6	18.5	46	10.1	4.8	48	50.7	23.3	46
1983-84	34.5	18.5	54	8.0	4.6	58	42.5	26.5	62
1984-85	39.6	18.7	47	12.0	4.8	40	51.6	23.5	46
1985-86	30.2	19.0	63	6.5	4.0	62	36.7	23.0	63
1986-87	43.0	20.0	47	14.2	4.7	33	57.2	24.7	43

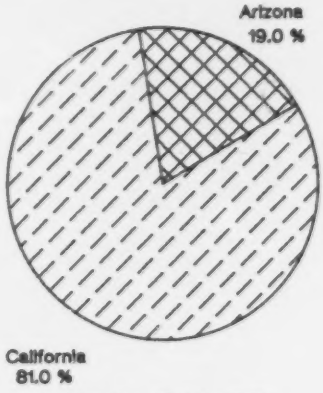
Source: USDA, Crop Reporting Board - Citrus Fruits By States.

1986-87
U.S. PRODUCTION OF LEMONS
California & Arizona Only



(Origin: Table 23)

1986-87
FRESH LEMON SHIPMENTS
California & Arizona Only



(Origin: Table 23)

TABLE 24

UTILIZATION AND AVERAGE ON-TREE PRICES
For California - Arizona Lemons
(1977-78 to 1986-87)

Season	California						Arizona						Total California-Arizona					
	Utilization			On-Tree Prices			Utilization			On-Tree Prices			Utilization			On-Tree Prices		
	Fresh	Prod.	Total	Fresh	Prod.	Total	Fresh	Prod.	Total	Fresh	Prod.	Total	Fresh	Prod.	Total	Fresh	Prod.	Total
	Million Cartons			Dollars Per Carton			Million Cartons			Dollars Per Carton			Million Cartons			Dollars Per Carton		
1977-78	19.8	20.8	40.6	3.29	-0.52	1.34	4.6	7.0	11.6	2.15	-0.68	0.44	24.4	27.8	52.2	3.07	-0.56	1.14
1978-79	18.3	9.9	28.2	4.72	-0.50	2.89	5.6	5.4	11.0	2.17	-0.49	0.87	23.9	15.3	39.2	4.12	-0.50	2.32
1979-80	18.2	17.2	35.4	4.50	0.51	2.57	3.2	2.9	6.1	4.95	-0.02	2.57	21.4	20.1	41.5	4.57	0.43	2.57
1980-81	18.3	30.3	48.6	3.11	-0.17	1.07	4.5	9.5	14.0	2.15	-0.12	0.61	22.8	39.8	62.6	2.92	-0.16	0.97
1981-82	15.9	21.1	37.0	3.82	-1.45	0.82	5.2	7.4	12.6	2.57	-1.45	0.20	21.1	28.5	49.6	3.52	-1.45	0.66
1982-83	18.5	22.1	40.6	3.10	-1.47	0.98	4.8	5.3	10.1	2.97	-1.46	0.65	23.3	27.4	50.7	3.07	-1.47	0.62
1983-84	18.5	16.0	34.5	4.08	-1.03	1.71	4.6	3.4	8.0	2.54	-1.56	0.79	23.1	19.4	42.5	3.77	-1.12	1.54
1984-85	18.7	20.9	39.6	5.29	-0.53	2.22	4.8	7.2	12.0	3.37	-0.95	0.77	23.5	28.1	51.6	4.90	-0.64	1.88
1985-86	19.0	11.2	30.2	7.14	-0.59	4.28	4.0	2.5	6.5	10.48	-0.62	6.14	23.0	13.7	36.7	7.72	-0.60	4.61
1986-87	20.0	23.0	43.0	5.27	-0.59	2.14	4.7	9.5	14.2	3.16	-0.55	0.68	24.7	32.5	57.2	4.88	-0.58	1.78

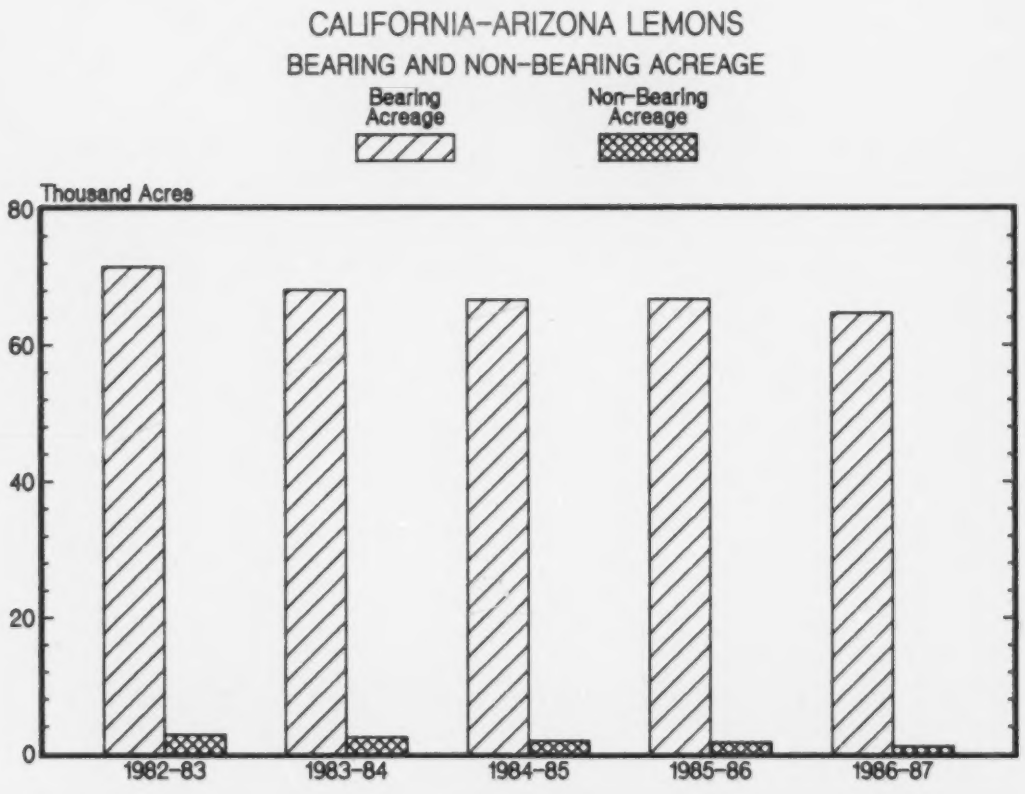
Source: USDA, Crop Reporting Board - Citrus Fruits By States; Agricultural Prices

TABLE 25

BEARING AND NON-BEARING ACREAGE OF CALIFORNIA AND ARIZONA LEMONS
(1977-78 to 1986-87)

Season	California			Arizona			Total California-Arizona		
	Bearing	Non-Bearing	Total	Bearing	Non-Bearing	Total	Bearing	Non-Bearing	Total
	1,000 Acres								
1977-78	49.0	12.4	61.4	20.9	2.3	23.2	69.9	14.7	84.6
1978-79	50.3	6.9	57.2	18.6	0.2	18.8	68.9	7.1	76.0
1979-80	49.8	7.7	57.5	20.3	0.1	20.4	70.1	7.8	77.9
1980-81	52.7	6.1	58.8	19.2	-	19.2	71.9	6.1	78.0
1981-82	54.2	3.8	58.0	21.6	0.1	21.7	75.8	3.9	79.7
1982-83	52.0	2.7	54.7	19.5	0.1	19.6	71.5	2.8	74.3
1983-84	51.4	2.2	53.7	16.7	0.1	16.8	68.1	2.4	70.5
1984-85	49.6	1.8	51.4	17.0	0.1	17.1	66.6	1.9	68.5
1985-86	50.2	1.5	51.7	16.5	0.2	16.7	66.7	1.7	68.4
1986-87	48.3	0.8	49.1	16.4	0.3	16.7	64.7	1.1	65.8

Source: California Fruit & Nut Acreage; Arizona Fruit & Vegetable Standardization Service. Arizona non-bearing acreage taken from the Lemon Administration Committee surveys.



(Origin: Table 25)

TABLE 26

BEARING ACREAGE, PRODUCTION AND ON-TREE PRICES FOR FLORIDA LEMONS
(1978 to 1987)

Year	True Lemons			Meyer Lemons			All Lemons		
	Bearing Acres	Production	Price Per Carton	Bearing Acres	Production	Price Per Carton	Bearing Acres	Production	Price Per Carton
	1,000 Acres	1,000 Cartons	Dollars	1,000 Acres	1,000 Cartons	Dollars	1,000 Acres	1,000 Cartons	Dollars
1978	3.5	740	2.63	1.4	660	0.80	4.9	1,400	1.75
1979	3.9	1,540	4.45	1.3	960	1.25	5.2	2,500	3.23
1980	3.8	1,700	3.95	1.3	1,260	1.98	5.1	2,960	3.10
1981	3.7	1,740	3.35	1.3	680	1.10	5.0	2,420	2.73
1982	2.0	280	6.65	1.2	1,160	1.00	3.2	1,440	2.10
1983	1.6	910	4.50	0.7	110	0.40	2.3	1,020	4.05
1984	1.6	970	NA	0.5	130	NA	2.1	1,100	3.00
1985	1.3	550	NA	0.1	110	NA	1.4	660	8.30
1986	1.3	1,120	NA	0.1	120	NA	1.4	1,240	1.30
1987	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA: Not Available.
Source: Florida Crop and Livestock Reporting Service - Florida Citrus.

TABLE 27

BEARING ACREAGE, PRODUCTION AND ON-TREE PRICES FOR FLORIDA LIMES
(1977-78 to 1986-87)

Season	Bearing Acreage 1,000 Acres	Utilization of Production			On-Tree Prices Per Carton
		Total	Fresh	Processed	
		1,000 Cartons			
1977-78	3.8	920	680	240	7.86
1978-79	4.1	1,440	962	478	6.22
1979-80	4.7	2,200	1,244	956	4.09
1980-81	5.3	2,400	1,394	1,006	3.29
1981-82	6.4	2,600	1,250	1,350	3.94
1982-83	7.3	3,400	1,950	1,450	4.20
1983-84	7.0	2,880	1,650	1,230	3.64
1984-85	6.7	3,280	2,050	1,230	3.64
1985-86	6.8	3,450	1,760	1,690	3.97
1986-87	6.7	2,900	1,700	1,200	4.29

Source: Florida Crop and Livestock Reporting Service - Citrus Summary.

TABLE 28

FRESH SHIPMENTS, F.O.B. PRICE AND AVERAGE SIZE
For California-Arizona Lemons
(1977-78 to 1986-87)

Nov-April	Winter Lemons			May-Oct.	Summer Lemons			All Lemons
	Commercial Fresh Shipments	F.O.B. Price	Average Size		Commercial Fresh Shipments	F.O.B. Price	Average Size	Average Size
	Million Cartons	Dollars Per Ctn.	Lemons Per Ctn.		Million Cartons	Dollars Per Ctn.	Lemons Per Ctn.	Lemons Per Ctn.
1977-78	11.5	5.11	141	1978	13.3	8.48	143	142
1978-79	11.9	6.56	141	1979	9.6	14.12	139	140
1979-80	10.4	7.49	136	1980	11.4	9.33	139	137
1980-81	11.5	6.16	140	1981	11.3	9.10	142	141
1981-82	11.0	7.01	141	1982	9.7	11.05	141	141
1982-83	11.0	6.89	142	1983	11.7	10.06	140	141
1983-84	11.5	6.49	142	1983	11.0	12.33	142	142
1984-85	12.0	8.04	141	1985	10.2	15.87	141	141
1985-86	11.5	10.21	138	1986	11.4	9.86	138	138
1986-87	12.0	9.26	138	1987	12.5	13.17	141	140

Source: Lemon Administrative Committee; Sunkist Growers, Inc.

TABLE 29

COST OF PRODUCING AND MARKETING CALIFORNIA-ARIZONA PACKED LEMONS
(1977-78 to 1986-87)

	Production	Bearing Acreage	Cartons Per Acre	Cultural Cost	Picking and Hauling	Packing	Selling and Advertising	Trans to New York
	1,000 Cartons	Acres	Cartons	Dollars Per Packed Equivalent Carton				
1977-78	52,200	69,850	747	NA	1.16	2.04	0.32	1.62
1978-79	39,200	68,899	569	3.02	1.22	2.23	0.27	1.76
1979-80	41,500	70,016	593	3.07	1.25	2.28	0.37	1.88
1980-81	62,600	71,907	870	3.18	1.38	2.62	0.42	1.72
1981-82	49,600	75,856	654	4.02	1.36	3.07	0.46	1.82
1982-83	50,700	71,460	710	3.76	1.48	3.28	0.48	1.92
1983-84	42,500	68,132	624	4.70	1.37	3.21	0.49	2.65
1984-85	51,600	64,324	802	3.43	1.33	3.11	0.42	2.60
1985-86	36,700	63,542	578	4.75	1.37	3.13	0.46	2.75
1986-87	57,200	64,658	885	NA	1.42	3.17	0.49	2.75

NA: Not Available.
Source: USDA, Crop Reporting Board - Citrus Fruits By States; California Fruit & Nut Acreage; Arizona Fruit & Vegetable Standardization Service; California-Arizona Citrus League; Sunkist Growers, Inc.; UCR; UAT.

TABLE 30

CALIFORNIA-ARIZONA LEMON SHIPMENTS, PICKS AND STORAGE, BY MONTHS
(1977-78 to 1986-87)

Season	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Total
	1,000 Cartons												
	FRESH SHIPMENTS												
1977-78	1,669	1,747	1,776	1,723	2,171	2,371	2,444	2,522	2,227	2,780	1,668	1,670	24,768
1978-79	2,255	1,818	1,730	1,632	2,251	2,257	2,074	1,935	1,634	1,399	1,108	1,347	21,440
1979-80	1,657	1,726	1,672	1,603	1,921	1,914	2,357	2,382	2,021	1,419	1,482	1,971	22,125
1980-81	1,871	1,724	1,861	1,741	2,244	2,117	2,348	2,423	2,197	1,526	1,213	1,638	22,903
1981-82	1,793	1,767	1,835	1,574	2,065	1,965	1,872	1,831	1,672	1,390	1,321	1,658	20,743
1982-83	1,683	1,870	1,813	1,710	2,013	1,931	2,338	2,499	2,043	1,646	1,263	1,889	22,700
1983-84	1,809	1,931	1,712	1,794	2,230	1,988	2,117	2,155	1,759	1,637	1,358	1,806	22,296
1984-85	1,652	1,877	1,961	2,066	2,320	2,156	2,262	2,118	1,840	1,191	1,157	1,659	22,259
1985-86	1,605	1,716	2,005	1,828	2,131	2,241	2,338	2,233	2,478	1,856	1,624	1,895	23,950
1986-87	1,960	1,866	2,001	1,897	2,176	2,120	2,341	2,386	2,399	1,827	1,948	1,621	24,542
	PICKS												
1977-78	4,663	3,586	4,742	6,972	7,060	5,509	6,133	3,103	1,890	2,294	2,513	3,406	51,871
1978-79	5,143	3,488	4,112	4,428	3,756	4,330	2,572	1,184	945	1,082	1,206	2,451	34,697
1979-80	3,071	3,389	4,130	5,102	5,795	6,417	3,814	2,964	2,207	1,250	2,010	4,770	44,919
1980-81	4,632	6,310	5,810	7,626	6,842	9,905	5,950	4,053	2,630	1,137	2,991	4,006	61,892
1981-82	4,895	6,489	5,244	6,308	4,933	5,087	3,789	2,959	1,548	1,162	3,158	3,410	48,982
1982-83	3,344	5,548	4,051	4,468	5,060	5,487	6,482	4,694	1,969	1,386	1,912	3,528	47,929
1983-84	2,843	4,842	4,922	5,259	5,758	3,692	3,687	1,986	942	966	2,048	4,465	41,410
1984-85	3,344	3,709	7,704	7,169	6,096	5,668	4,566	2,651	1,961	645	1,510	3,120	48,151
1985-86	2,075	3,055	5,074	3,221	3,795	5,508	3,307	3,083	3,108	2,155	2,408	4,360	41,149
1986-87	4,786	6,262	5,823	6,294	7,502	6,902	3,516	2,729	2,618	1,577	2,531	2,547	53,087
	STORAGE												
1977-78	1,658	1,913	2,003	3,373	3,689	3,526	3,533	3,127	2,486	1,526	1,025	1,275	
1978-79	1,707	2,005	1,876	2,334	3,217	3,642	3,651	2,553	1,777	1,020	721	878	
1979-80	1,458	2,302	2,461	3,526	4,507	5,332	4,816	3,930	2,986	1,707	1,126	1,385	
1980-81	1,981	2,404	3,103	3,888	4,262	5,005	5,277	4,434	2,734	1,149	1,068	1,622	
1981-82	1,909	2,348	2,731	3,209	3,298	3,577	3,932	3,347	2,208	1,128	953	1,636	
1982-83	1,633	1,968	2,831	3,113	3,006	3,892	4,037	4,197	5,037	1,710	957	1,360	
1983-84	1,660	1,974	3,281	4,264	4,902	4,984	4,831	4,624	3,022	1,735	1,293	1,622	
1984-85	1,788	2,054	3,674	5,009	5,355	5,172	4,998	3,944	2,810	1,670	875	1,294	
1985-86	1,493	1,775	3,037	3,619	3,871	4,775	5,341	5,223	4,687	3,554	2,766	2,776	
1986-87	3,102	3,835	3,888	3,965	4,873	5,628	5,287	4,783	3,882	2,535	1,413	1,340	

Source: Lemon Administrative Committee.

TABLE 31

CALIFORNIA-ARIZONA LEMON SHIPMENTS AND PICKS, BY WEEKS
(1986-87 Season)

Week Through	Fresh	Processed*	Total	Picks
	Carloads of 1,000 Cartons Each			
Aug. 09, 1986	484	336	820	549
16	447	361	808	534
23	435	358	793	480
30	438	398	836	592
Sep. 07	394	342	736	510
13	462	441	903	675
20	349	444	793	708
27	332	374	374	515
Oct. 04	328	372	700	821
11	404	434	838	793
18	464	396	860	929
25	455	394	849	955
Nov. 01	446	375	821	862
08	485	436	921	942
15	457	647	1,104	1,403
22	492	608	1,100	1,026
29	390	693	1,083	1,415
Dec. 06	473	864	1,337	1,496
13	425	786	1,211	1,230
20	434	901	1,335	1,528
27	373	635	1,008	976
Jan. 03, 1987	405	742	1,147	1,041
10	433	914	1,347	1,647
17	438	701	1,139	855
24	505	923	1,428	1,644
31	454	1,281	1,735	1,677
Feb. 07	471	1,144	1,615	1,666
14	467	1,053	1,520	1,188
21	471	1,182	1,653	1,945
28	488	1,033	1,521	1,495
Mar. 07	480	1,111	1,591	1,632
14	537	1,095	1,632	1,994
21	478	1,227	1,705	2,060
28	472	1,087	1,559	1,816
Apr. 04	488	1,064	1,552	1,692
11	503	867	1,370	1,581
18	462	793	1,255	1,182
25	481	864	1,345	1,256
May, 02	552	681	1,233	1,051
09	511	569	1,080	997
16	577	505	1,082	936
23	560	434	994	895
30	454	320	774	688
Jun. 06	569	318	887	758
13	555	281	836	740
20	573	265	838	619
27	537	269	806	612
Jul. 04	546	227	773	494
11	559	272	831	595
18	526	329	855	480
25	507	274	781	571
Aug. 01	495	272	767	478
TOTAL	24,521	32,692	57,213	55,224

*: Includes 1,055 Carloads reported eliminated as rots.
Source: Lemon Administrative Committee.

TABLE 32

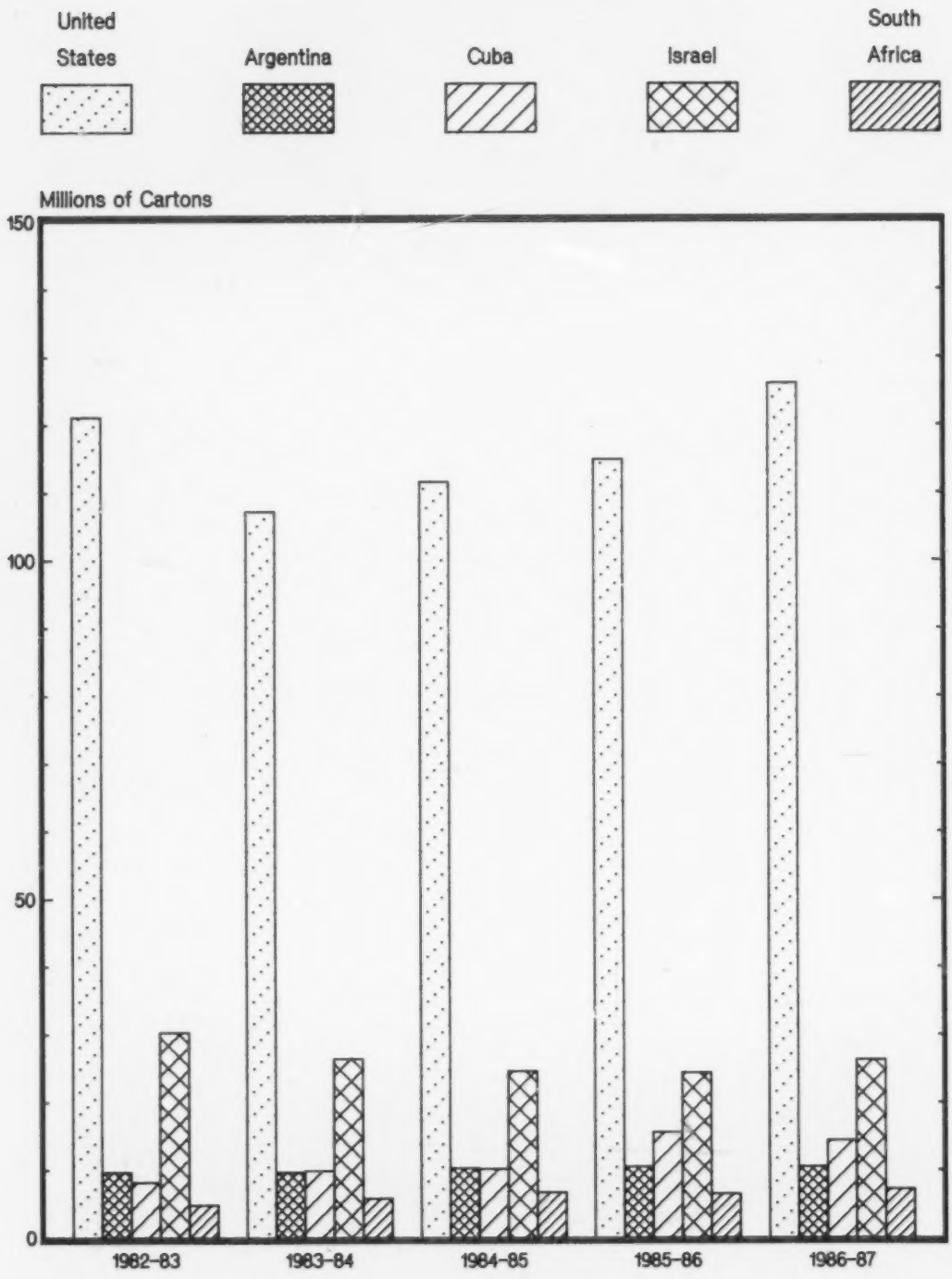
CALIFORNIA-ARIZONA ESTIMATED LEMON STORAGE BY DISTRICTS
(1986-87 Season)

Storage Date	District 1 Central	District 2 South	District 3 Desert	Total
	Carloads of 1,000 Cartons Each			
Aug. 09, 1986	08	3,865	232	4,105
16	10	3,483	343	3,836
23	13	3,054	431	3,498
30	14	2,669	588	3,271
Sept. 06	13	2,392	622	3,027
13	25	2,135	708	2,868
20	26	1,921	848	2,795
27	17	1,714	933	2,664
Oct. 04	11	1,630	1,147	2,788
11	17	1,547	1,164	2,728
18	17	1,461	1,301	2,779
25	12	1,440	1,370	2,822
Nov. 01	13	1,429	1,478	2,920
08	42	1,426	1,527	2,995
15	131	1,575	1,588	3,294
22	175	1,587	1,447	3,209
29	337	1,681	1,553	3,571
Dec. 06	474	1,898	1,366	3,738
13	577	1,944	1,244	3,765
20	732	2,074	1,126	3,932
27	714	2,096	1,087	3,897
Jan. 03, 1987	765	2,064	1,008	3,837
10	650	1,919	986	3,555
17	681	2,236	940	3,857
24	739	2,504	702	3,945
31	739	2,529	701	3,969
Feb. 07	721	2,873	398	3,992
14	629	2,763	372	3,764
21	731	3,090	325	4,146
28	761	3,124	280	4,165
Mar. 07	702	3,366	229	4,297
14	723	3,724	181	4,628
21	625	4,147	75	4,847
28	640	4,403	74	5,117
Apr. 04	659	4,627	80	5,366
11	631	5,003	68	5,702
18	611	4,909	73	5,593
25	561	4,928	65	5,554
May 02	518	4,931	-	5,449
09	426	4,943	-	5,369
16	379	4,882	-	5,261
23	304	4,900	-	5,204
30	247	4,839	-	5,086
Jun. 06	209	4,778	-	4,987
13	141	4,638	2	4,781
20	92	4,484	3	4,579
27	76	4,346	3	4,425
Jul. 04	65	4,114	3	4,182
11	57	3,866	3	3,926
18	53	3,523	6	3,582
25	47	3,376	13	3,436
Aug. 01	35	3,099	20	3,154

Source: Lemon Administrative Committee.

PRODUCTION OF GRAPEFRUIT

MAJOR PRODUCING COUNTRIES



5-YEARS COMPARISON

(Origin: Table 33)

TABLE 33

PRODUCTION OF GRAPEFRUIT IN SPECIFIED COUNTRIES
(1982-83 to 1986-87)

Countries	1982-83	1983-84	1984-85	1985-86	1986-87
	1,000 Cartons (33.5 lbs.)				
United States	121,200	107,220	111,600	114,940	126,050
Argentina	9,653	9,654	10,310	10,507	10,507
Australia	2,036	1,970	2,430	2,561	2,233
Brazil	2,299	2,299	1,576	1,379	1,773
Cuba	8,209	9,851	10,179	15,564	14,448
Cyprus	5,910	6,436	6,304	6,239	6,436
Gaza	1,116	854	985	722	722
Israel	30,209	26,400	24,627	24,364	26,269
Lebanon	1,642	1,313	1,313	1,313	-
Mexico	6,567	5,122	3,480	5,385	4,860
South Africa	4,794	5,845	6,699	6,501	7,224
Spain	657	854	525	854	1,248
Turkey	1,707	1,642	1,379	1,445	1,510
All Others	1,970	1,970	1,642	1,773	1,839
Total	197,969	181,430	183,050	193,547	205,119

Source: USDA, Foreign Agricultural Service - Foreign Agriculture Circular, Crop Reporting Board - Citrus Fruits By States.

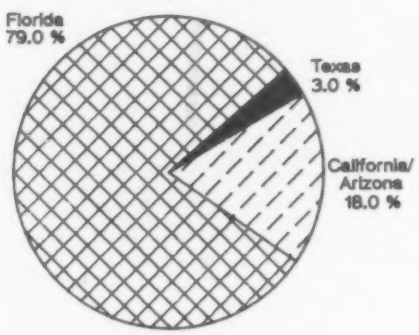
TABLE 34

PRODUCTION AND UTILIZATION OF GRAPEFRUIT, BY STATES
(1977-78 to 1986-87)

Season	California-Arizona			Florida			Texas			Total U.S.		
	Total	Fresh	Fresh	Total	Fresh	Fresh	Total	Fresh	Fresh	Total	Fresh	Fresh
	Million	Cartons	%	Million	Cartons	%	Million	Cartons	%	Million	Cartons	%
1977-78	22.7	11.3	50	102.8	36.1	35	23.8	13.2	55	149.3	60.6	41
1978-79	16.8	9.5	57	100.0	39.6	40	18.0	8.0	44	134.8	57.1	42
1979-80	21.0	9.6	46	109.6	39.0	36	15.8	8.4	53	146.4	57.0	39
1980-81	21.7	12.2	56	100.6	34.3	34	13.4	9.3	69	135.7	55.8	41
1981-82	17.1	9.6	56	96.2	33.4	35	27.8	14.5	52	141.1	57.5	41
1982-83	20.0	12.1	60	78.8	36.6	46	22.4	15.6	70	121.2	64.3	53
1983-84	19.0	12.3	65	81.8	33.3	41	6.4	5.7	89	100.8	45.6	45
1984-85	23.6	16.3	70	88.0	30.0	34	(a)	(a)	(a)	112.0	46.3	41
1985-86	21.0	14.5	69	93.5	39.2	42	0.44	0.40	91	114.9	54.1	47
1986-87	22.6	14.8	65	99.6	41.9	42	3.9	3.1	79	126.1	59.8	47

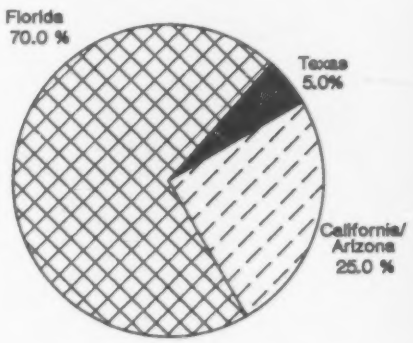
(a) Due to December 1983 Freeze no commercial supplies were harvested.
Source: USDA, Crop Reporting Board - Citrus Fruits By States.

1986-87
U.S. PRODUCTION OF GRAPEFRUIT
BY STATE



(Origin: Table 34)

1986-87
FRESH GRAPEFRUIT SHIPMENTS
BY STATE



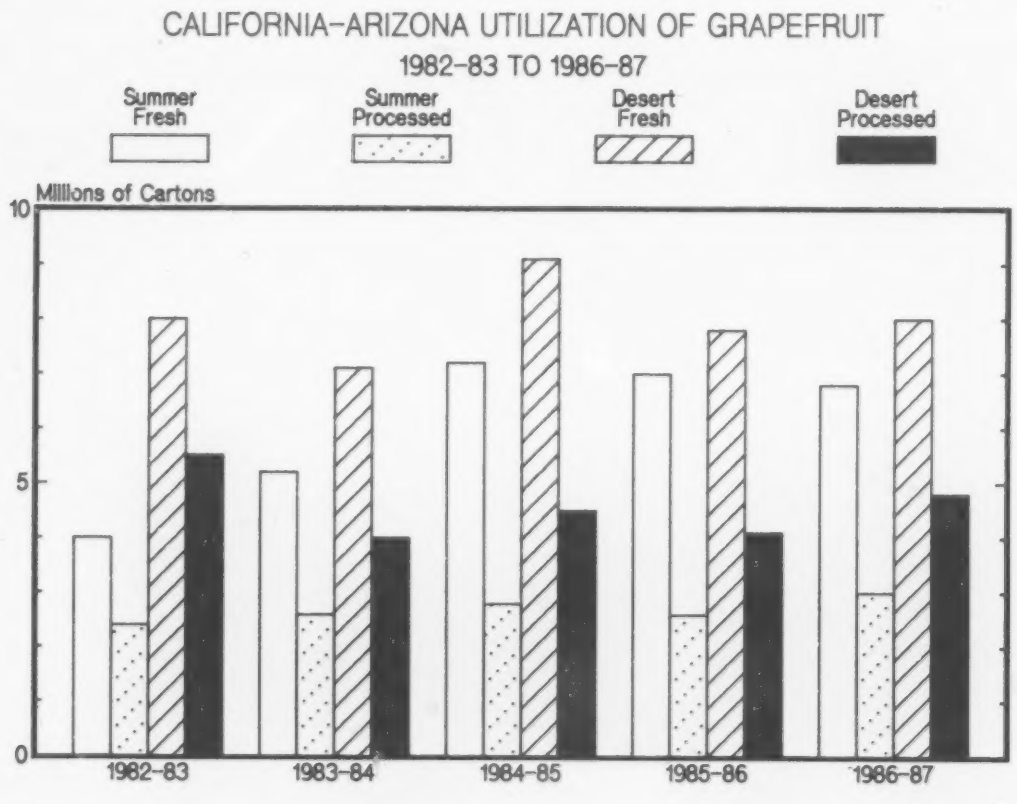
(Origin: Table 34)

TABLE 35

PRODUCTION AND UTILIZATION OF CALIFORNIA-ARIZONA GRAPEFRUIT
(1977-78 to 1986-87)

Season	California Summer			California-Arizona Desert			Total California-Arizona		
	Total	Fresh	Processed	Total	Fresh	Processed	Total	Fresh	Processed
	1,000 Cartons								
1977-78	8,320	5,120	3,200	14,400	6,160	8,240	22,720	11,280	11,440
1978-79	5,740	3,560	2,180	11,020	5,920	5,100	16,760	9,480	7,280
1979-80	6,600	3,440	3,160	14,400	6,120	8,280	21,000	9,560	11,440
1980-81	7,600	4,360	3,240	14,120	7,820	6,300	21,720	12,180	9,540
1981-82	5,500	3,560	1,940	11,600	6,070	5,530	17,100	9,630	7,470
1982-83	6,400	4,000	2,400	13,600	8,080	5,520	20,000	12,080	7,920
1983-84	7,800	5,200	2,600	11,220	7,130	4,090	19,020	12,330	6,690
1984-85	10,000	7,200	2,800	13,600	9,100	4,500	23,600	16,300	7,300
1985-86	9,000	6,600	2,400	12,000	7,980	4,120	21,000	14,480	6,520
1986-87	9,800	6,800	3,000	12,800	7,980	4,820	22,600	14,780	7,820

Source: USDA, Crop Reporting Board - Citrus Fruits By States.



(Origin: Table 35)

TABLE 36

UTILIZATION AND AVERAGE ON-TREE PRICES
For California-Arizona Grapefruit
1977-78 to 1986-87

Season	California Summer Grapefruit						California-Arizona Desert Grapefruit					
	Utilization			On-Tree Prices			Utilization			On-Tree Prices		
	Fresh	Products	Total	Fresh	Products	Total	Fresh	Products	Total	Fresh	Products	Total
	Million Cartons			Dollars Per Carton			Million Cartons			Dollars Per Carton		
1977-78	5.1	3.2	8.3	3.11	-0.34	1.78	6.2	8.2	14.4	1.31	-0.34	0.37
1978-79	3.5	2.2	5.7	4.33	-0.40	2.53	5.9	5.1	11.0	2.27	-0.30	1.08
1979-80	3.4	3.2	6.6	2.73	-0.29	1.28	6.1	8.3	14.4	1.86	-0.21	0.67
1980-81	4.4	3.2	7.6	3.36	-0.35	1.77	7.8	6.3	14.1	2.77	-0.11	1.48
1981-82	3.6	1.9	5.5	1.99	-0.66	1.07	6.1	5.5	11.6	1.91	-0.65	0.70
1982-83	4.0	2.4	6.4	2.50	-0.65	1.32	8.1	5.5	13.6	1.53	-0.66	0.66
1983-84	5.2	2.6	7.8	2.67	-0.77	1.52	7.1	4.1	11.2	2.45	-0.76	1.28
1984-85	7.2	2.8	10.0	4.15	-0.25	2.92	9.1	4.5	13.6	3.71	-0.19	2.42
1985-86	6.6	2.4	9.0	4.50	-0.37	3.20	7.9	4.1	12.0	3.66	-0.40	2.27
1986-87	6.8	3.0	9.8	4.40	-0.32	2.95	8.0	4.8	12.8	3.31	-0.32	1.95

Source: USDA, Crop Reporting Board - Citrus Fruits By States; Agricultural Prices.

TABLE 37

UTILIZATION AND AVERAGE ON-TREE PRICES
For Florida and Texas Grapefruit
(1977-78 to 1986-87)

Season	Florida						Texas					
	Utilization			On-Tree Prices			Utilization			On-Tree Prices		
	Fresh	Products	Total	Fresh	Products	Total	Fresh	Products	Total	Fresh	Products	Total
	Million Cartons			Dollars Per Carton			Million Cartons			Dollars Per Carton		
1977-78	36.1	66.7	102.8	1.18	0.63	0.82	13.2	10.6	23.8	0.61	0.31	0.48
1978-79	39.6	60.4	100.0	1.62	0.94	1.21	8.0	10.0	18.0	1.00	0.33	0.63
1979-80	39.0	70.6	109.6	2.08	1.43	1.66	8.4	7.4	15.8	1.59	0.96	1.30
1980-81	34.3	66.3	100.6	2.63	1.38	1.80	9.3	4.1	13.4	1.85	1.16	1.64
1981-82	33.4	62.8	96.2	2.24	0.41	1.05	14.5	13.3	27.8	1.37	0.49	0.95
1982-83	36.6	42.2	78.8	1.81	0.26	0.98	15.6	6.8	22.4	0.88	0.07	0.63
1983-84	33.3	48.5	81.8	2.10	0.85	1.36	5.7	0.7	6.4	1.12	0.12	1.01
1984-85	30.0	58.0	88.0	2.81	1.33	1.83	(a)	(a)	(a)	-	-	-
1985-86	39.2	54.3	93.5	2.60	1.65	2.05	0.4	0.04	0.44	4.47	1.77	4.22
1986-87	41.9	57.7	99.6	2.95	2.14	2.48	3.1	0.8	3.9	3.94	1.70	3.51

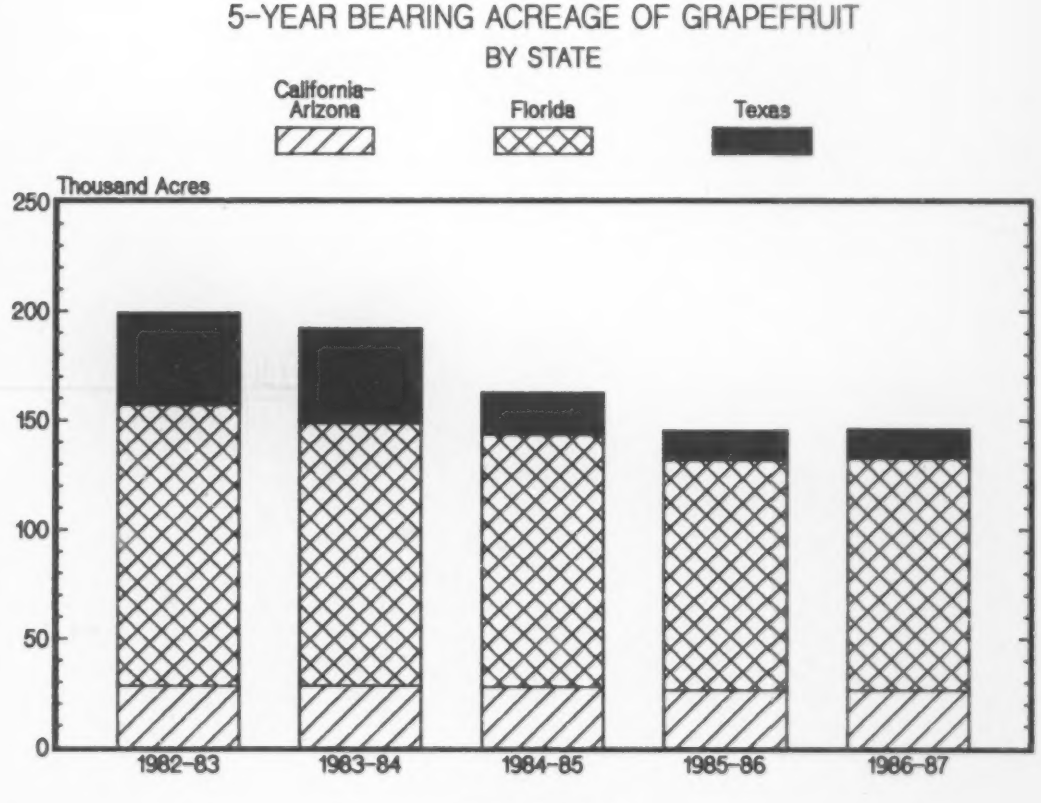
(a) Due to December 1983 Freeze No Commercial Supplies
Source: USDA, Crop Reporting Board - Citrus Fruits By States. Florida Agricultural Statistics - Citrus Summary.

TABLE 38

BEARING ACREAGE OF GRAPEFRUIT, BY STATES
(1977-78 to 1986-87)

Season	Arizona	California Desert	Total California Arizona Desert	California Summer	Total California Arizona	Florida	Texas	Total United States
	Acres							
1977-78	10,823	9,393	20,216	7,990	28,206	120,300	35,100	183,606
1978-79	8,890	9,851	18,741	9,720	28,461	124,600	39,800	192,861
1979-80	8,438	10,317	18,755	11,010	29,765	126,400	39,800	195,965
1980-81	8,113	10,108	18,221	11,720	29,941	125,600	41,481	197,022
1981-82	8,158	10,415	18,573	11,580	30,153	127,800	41,076	199,029
1982-83	6,769	9,914	16,683	11,792	28,475	128,600	42,166	199,241
1983-84	6,760	10,284	17,044	11,573	28,617	120,100	43,256	191,973
1984-85	7,118	9,674	16,792	11,401	28,193	115,500	19,110	162,803
1985-86	5,732	9,387	15,219	11,485	26,604	105,200	13,500	145,304
1986-87	5,935	9,200	15,135	11,500	26,635	106,000	13,500	146,135

Source: California Fruit & Nut Statistics; Arizona Fruit & Vegetable Standardization Service; Florida Agricultural Statistics - Citrus Summary. USDA - Citrus Fruits.



(Origin: Table 38)

TABLE 39

COST OF PRODUCING AND MARKETING CALIFORNIA-ARIZONA GRAPEFRUIT
(1977-78 to 1986-87)

Season	California Summer					California-Arizona Desert				
	Cultural Cost	Picking and Hauling	Packing	Selling and Advertising	Total Cost	Cultural Cost	Picking and Hauling	Packing	Selling and Advertising	Total Cost
	Dollars Per Packed Equivalent Carton									
1977-78	NA	0.49	1.22	0.23	NA	NA	0.53	1.35	0.22	NA
1978-79	2.88	0.55	1.28	0.24	4.95	2.02	0.56	1.43	0.24	4.25
1979-80	3.04	0.58	1.41	0.29	5.32	1.57	0.61	1.48	0.29	3.95
1980-81	4.06	0.66	1.47	0.30	6.49	2.32	0.69	1.56	0.28	4.85
1981-82	5.31	0.65	1.73	0.34	8.03	2.85	0.68	1.68	0.36	5.57
1982-83	4.85	0.70	1.90	0.36	7.81	2.30	0.73	1.82	0.39	5.24
1983-84	4.23	0.75	1.99	0.38	7.35	2.97	0.74	1.97	0.40	6.08
1984-85	3.78	0.66	2.07	0.44	6.95	1.98	0.75	1.98	0.31	5.02
1985-86	NA	0.69	2.12	0.47	NA	NA	0.80	2.07	0.35	NA
1986-87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA: Not Available
Source: California-Arizona Citrus League; Sunkist Growers, Inc.; UCR: UAT.

TABLE 40

COMMERCIAL FRESH SHIPMENTS, BY MONTHS
FOR CALIFORNIA-ARIZONA GRAPEFRUIT
(1977-78 to 1986-87)

Season	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Total
	1,000 Cartons												
1977-78	368	281	451	481	561	957	1,801	2,150	1,511	1,118	219	373	10,271
1978-79	343	206	481	550	785	1,072	1,721	914	903	930	551	22	8,478
1979-80	216	175	289	283	373	815	1,662	2,337	1,904	1,340	765	38	10,197
1980-81	307	215	714	584	973	1,416	2,039	1,575	1,291	1,004	887	89	11,094
1981-82	168	224	706	277	355	597	1,934	1,941	1,223	1,204	726	176	9,531
1982-83	337	300	598	504	558	658	2,225	3,373	1,043	1,316	1,191	419	12,522
1983-84	205	340	1,395	909	921	937	1,852	2,013	1,462	1,416	1,268	866	13,584
1984-85	1,017	1,147	1,234	984	824	1,009	2,912	1,854	1,408	1,463	1,170	636	16,592
1985-86	570	693	742	579	776	1,460	2,955	2,473	1,801	1,373	850	537	14,809
1986-87	244	412	543	413	746	1,232	3,309	2,936	1,516	1,170	1,935	429	14,885

Source: Sunkist Growers, Inc.

TABLE 41

CALIFORNIA-ARIZONA GRAPEFRUIT
Weekly Shipments
(1986-87 Season)

Week Through	Summer		Desert		Total	
	Fresh	Products	Fresh	Products	Fresh	Products
	Carloads of 1,000 carton cars					
Sep. 09 1986	-	-	12	-	12	-
Oct. 04,	-	-	155	16	155	16
11	-	-	186	30	186	30
18	-	-	117	14	117	14
25	-	-	59	19	59	19
Nov. 01	-	-	76	4	76	4
08	-	-	45	5	45	5
15	-	-	51	3	51	3
22	-	-	63	11	63	11
29	-	-	82	5	82	5
Dec. 06	-	-	153	34	153	34
13	-	-	118	29	118	29
20	-	-	74	21	74	21
27	-	-	31	7	31	7
Jan. 03, 1987	1	-	72	9	73	9
10	6	-	115	29	121	29
17	7	3	133	40	140	43
24	21	10	122	22	143	32
31	9	3	93	27	102	30
Feb. 07	6	1	139	30	145	31
14	2	-	104	37	106	37
21	1	2	68	27	69	29
28	1	-	90	21	91	21
Mar. 07	-	-	132	48	132	48
14	5	2	131	62	136	64
21	10	9	176	73	186	82
28	8	-	213	75	221	75
Apr. 04	10	1	178	86	188	87
11	23	7	222	91	245	98
18	31	21	191	148	222	169
25	24	8	346	184	370	192
May. 02	58	25	339	275	397	300
09	75	44	627	464	702	508
16	76	64	832	497	908	561
23	131	56	727	574	858	630
30	112	77	611	478	723	555
Jun. 06	170	103	634	545	804	648
13	208	130	488	475	696	605
20	358	213	297	451	655	664
27	394	243	182	282	576	525
Jul. 04	370	196	64	43	434	239
11	387	188	8	66	395	254
18	345	172	1	36	346	208
25	308	140	-	27	308	167
Aug. 01	255	117	-	32	255	149
08	268	164	-	-	268	164
15	253	150	-	-	253	150
22	274	132	-	-	274	132
29	301	132	-	-	301	132
Sep. 05	326	169	-	-	326	169
12	289	197	-	-	289	197
19	347	224	-	-	347	224
26	373	222	-	-	373	222
Oct. 03	339	152	-	-	339	152
10	232	86	-	-	232	86
17	79	7	-	-	79	7
24	7	1	-	-	7	1
31	2	-	-	-	2	-
TOTAL	6,502	3,471	8,557	5,452	15,059	8,923

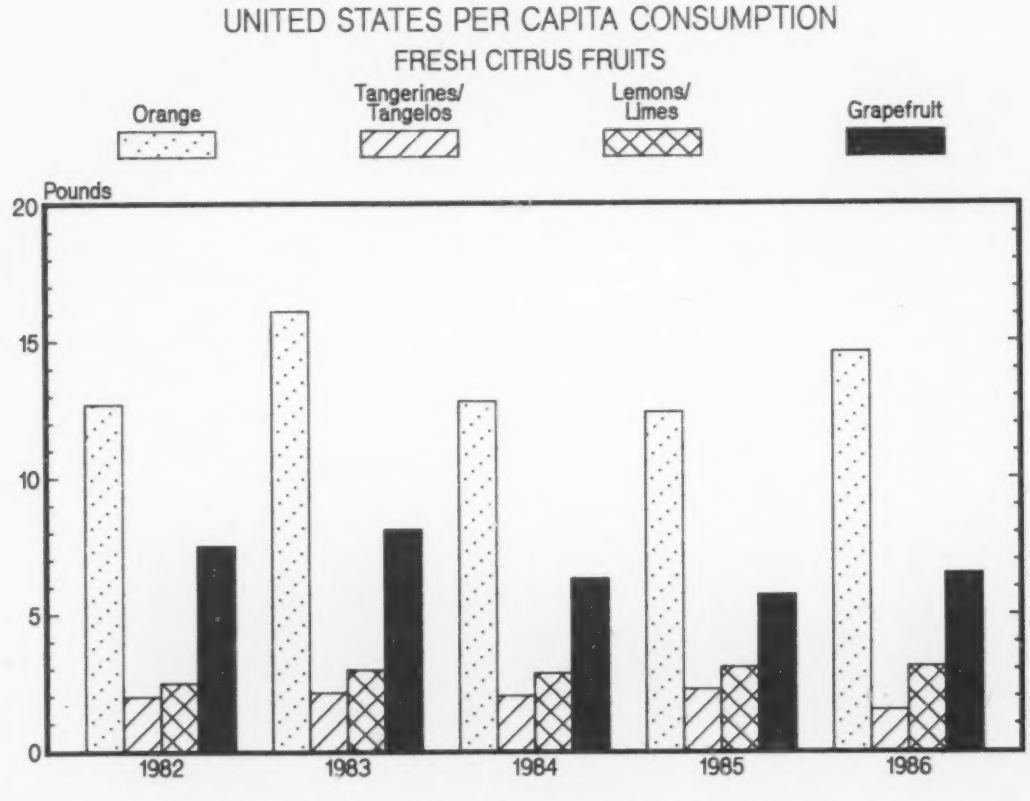
Source: Sunkist Growers, Inc.

TABLE 42

UNITED STATES PER CAPITA CONSUMPTION OF FRESH CITRUS FRUITS
(1977 to 1986)

Year	Oranges	Tangerines	Tangelos	Lemons	Limes	Grapefruit	Total Citrus
	Pounds						
1977	13.4	1.8	0.94	2.1	0.25	7.7	26.2
1978	13.4	1.6	0.82	2.1	0.24	8.3	26.5
1979	12.4	1.6	0.69	2.0	0.25	7.6	24.5
1980	15.8	2.0	0.72	2.0	0.37	8.0	28.9
1981	13.5	1.3	0.82	2.0	0.40	6.9	24.9
1982	12.7	1.3	0.69	2.1	0.39	7.5	24.7
1983	16.1	1.4	0.73	2.4	0.57	8.1	29.3
1984	12.8	1.4	0.61	2.3	0.54	6.3	24.0
1985	12.4	1.7	0.55	2.4	0.66	5.7	23.4
1986	14.6	1.0	0.50	2.6	0.70	6.5	25.9

Source: USDA, Economic Research Service - Fruit Situation.



(Origin: Table 42)

TABLE 43

UNITED STATES PER CAPITA CONSUMPTION OF FRESH DECIDUOUS FRUITS
(1977 to 1986)

Year	Apples	Apricots	Avocados	Bananas	Cherries	Grapes	Nectarines	Peaches	Pears	Pineapple	Plums & Prunes	Strawberries	All Others*	Total Deciduous
	Pounds													
1977	17.0	0.09	1.3	19.2	0.6	3.1	1.2	5.1	2.6	1.4	1.5	1.9	0.7	55.7
1978	17.4	0.07	1.0	20.0	0.5	3.0	1.1	5.0	2.2	1.4	1.5	2.1	0.7	56.0
1979	17.6	0.08	1.2	22.0	0.7	3.6	1.4	5.4	2.5	1.5	1.7	1.9	0.5	60.1
1980	19.1	0.10	0.8	20.8	0.7	3.7	1.6	5.7	2.5	1.5	1.6	2.0	0.5	60.6
1981	16.9	0.10	2.2	21.5	0.6	3.8	1.5	5.5	2.8	1.6	1.8	2.2	0.7	61.2
1982	18.0	0.08	1.5	22.5	0.5	5.3	1.4	4.0	3.0	1.7	1.1	2.4	0.6	62.1
1983	18.4	0.08	2.0	21.2	0.8	5.4	1.5	4.1	2.8	1.7	1.5	2.4	0.5	62.4
1984	18.4	0.13	2.2	22.1	0.7	6.1	1.5	5.4	2.9	1.5	2.0	3.1	1.2	67.2
1985	17.4	0.17	1.9	23.4	0.4	7.3	1.7	4.0	2.8	1.5	1.5	3.1	1.0	66.2
1986	17.5	0.10	1.6	25.7	0.5	7.2	1.4	4.7	2.9	1.8	1.4	3.0	0.9	68.7

*Includes: Cranberries, Figs, Kiwifruit, Mangoes, Olives, Papayas, Persimmons, Pomegrantes and Other Fruit.
Source: USDA, Economic Research Service - Fruit Situation.

TABLE 44

UNITED STATES PRODUCTION OF SELECTED FRUITS COMPETING WITH CITRUS FRUITS
(1978 to 1987)

Year	Apples	Apricots	Cherries	Grapes	Nectarines	Peaches	Pears	Plums* & Prunes	Strawberries **	Pineapples **	Avocados	Cantaloupes	Watermelons
	1,000 tons											1,000 cwt	
1978	3,799	126	247	4,567	148	1,326	723	643	330	675	146	13,318	25,270
1979	4,063	144	267	4,989	172	1,469	855	664	319	681	102	12,211	24,076
1980	4,409	129	281	5,595	191	1,534	897	823	351	657	227	11,890	22,716
1981	3,870	89	220	4,458	182	1,385	897	776	370	636	183	12,628	20,054
1982	4,061	114	311	6,555	178	1,143	804	588	442	670	237	13,879	21,759
1983	4,189	94	246	5,506	185	928	775	672	447	722	274	14,479	20,091
1984	4,167	117	292	5,169	183	1,330	710	720	495	600	230	15,349	23,013
1985	3,961	106	266	5,607	210	1,074	747	645	509	565	189	16,854	23,515
1986	3,946	55	246	5,225	172	1,163	766	487	510	646	300	19,676	21,790
1987	4,845	116	372	5,099	190	1,243	842	806	540	NA	NA	17,992	20,511

*Fresh basis;
NA: Not Available
Source: USDA, Agricultural Statistics - Fruit Situation, Noncitrus Fruits and nuts; Weekly Summary - Ornamental Crops.

TABLE 45

UNITED STATES PER CAPITA CONSUMPTION OF FROZEN CITRUS JUICE
(1977 to 1986)

Year	Product Weight						Total
	Orange	Tangerines	Lemon	Lemonade Base	Limeade	Grapefruit	
	Pounds						
1977	9.74	0.07	0.03	0.39	0.08	0.52	10.83
1978	7.85	0.07	0.06	0.68	0.07	0.52	9.25
1979	8.65	0.06	0.04	0.52	0.08	0.51	9.86
1980	9.05	0.06	0.02	0.24	0.08	0.43	9.88
1981	8.59	0.09	0.03	0.38	-	0.66	9.75
1982	9.47	0.09	0.06	0.73	-	0.73	11.08
1983	11.05	0.02	0.04	0.38	-	0.67	12.16
1984	9.51	0.03	0.04	0.39	-	0.45	10.42
1985	11.28	0.03	0.05	0.48	-	1.00	12.90
1986	11.39	0.03	0.04	0.33	-	0.73	12.52

Product weight includes concentrated and single strength juices.
Concentrated fruit juices converted to single strength on basis of 3.525 pounds to 1; lemonade base 0.74 to 1.
Source: USDA, Economic Research Service - Fruit Situation.

TABLE 46

UNITED STATES PACKS OF CANNED CITRUS JUICES, s.s.
(1977-76 to 1986-87)

Season	Orange Juice			Grapefruit Juice			Orange & Grapefruit Blend			Tangerine and Tangerine Blend
	Calif. and Arizona	Florida	Texas	Calif. and Arizona	Florida	Texas	Calif. and Arizona	Florida	Texas	
	1,000 cases (24 No. 2 cans)									
1977-78	1,748	11,654	2,427	4,443	17,107	4,690	194	1,664	87	8
1978-79	2,795	13,222	2,209	4,949	16,764	3,462	95	1,255	80	19
1979-80	2,079	13,869	2,419	4,018	16,604	3,606	138	1,314	82	17
1980-81	2,397	13,012	2,195	3,193	14,231	2,005	51	984	47	9
1981-82	1,169	11,503	1,057	2,811	15,725	1,894	43	727	42	6
1982-83	NA	9,802	NA	NA	11,651	NA	NA	650	NA	4
1983-84	NA	9,084	NA	NA	9,513	NA	NA	555	NA	NA
1984-85	NA	7,425	NA	NA	10,552	NA	NA	615	NA	1
1985-86	NA	7,596	NA	NA	9,948	NA	NA	577	NA	NA
1986-87	NA	8,122	NA	NA	8,982	NA	NA	53	NA	NA

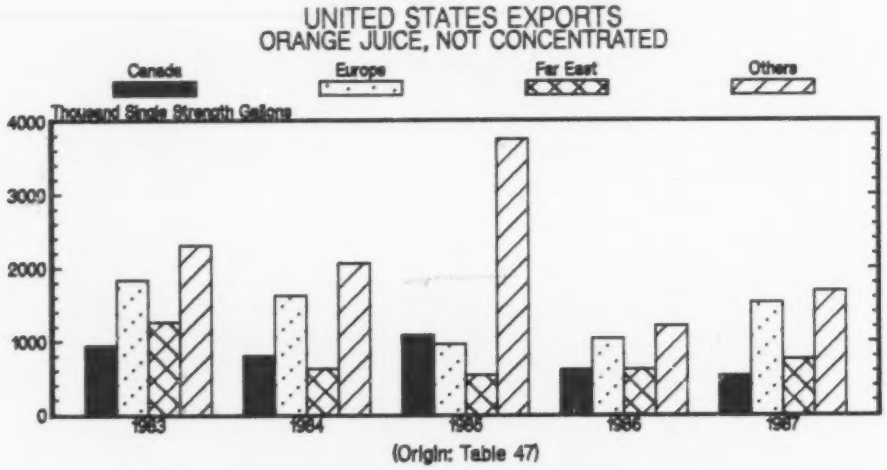
NA: Not Available.
Source: USDA - Agricultural Statistics; Florida Citrus Mutual - Annual Statistical Report.

TABLE 47

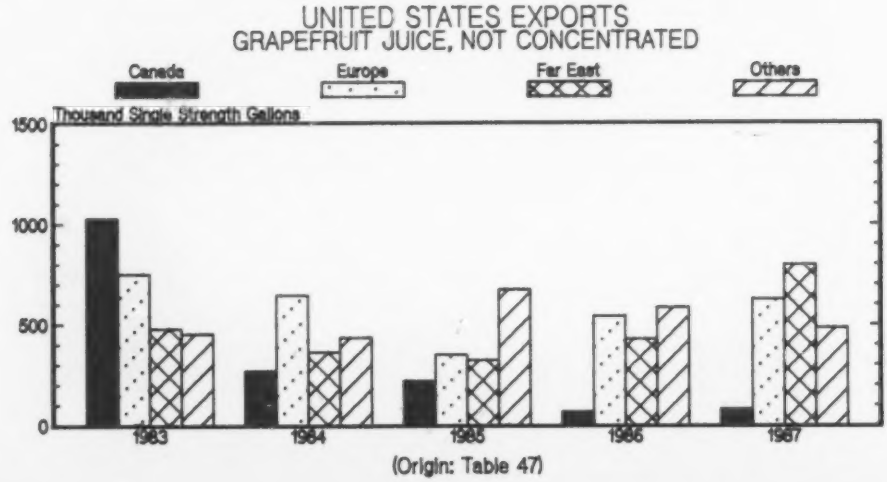
UNITED STATES EXPORTS OF SELECTED CITRUS JUICES, NOT CONCENTRATED
(1978 to 1987)

Year	Canada		Europe		Far East		Others		Total	
	Orange	Grape-fruit	Orange	Grape-fruit	Orange	Grape-fruit	Orange	Grape-fruit	Orange	Grape-fruit
	1,000 Single Strength Gallons									
1978	4,992	2,496	2,489	732	524	225	1,198	454	9,203	3,907
1979	3,860	2,275	3,001	790	768	263	1,634	475	9,263	3,803
1980	3,412	2,223	3,231	917	866	317	2,521	604	10,030	4,061
1981	2,058	1,608	3,368	957	909	339	2,745	746	9,080	3,650
1982	1,340	1,186	2,342	921	1,747	513	2,353	576	7,782	3,196
1983	943	1,026	1,838	752	1,268	479	2,309	453	6,358	2,710
1984	802	268	1,629	647	630	363	2,065	435	5,126	1,713
1985	1,084	220	964	351	541	324	3,753	673	6,342	1,568
1986	614	67	1,039	542	618	428	1,210	584	3,481	1,621
1987	530	80	1,530	626	759	798	1,686	483	4,505	1,987

Source: U.S. Bureau of the Census - Reports Numbered FT410 & EM546.



(Origin: Table 47)



(Origin: Table 47)

TABLE 48

UNITED STATES EXPORTS OF FRESH CITRUS FRUITS
(1977-78 to 1986-87)

Season	Canada	European Community	Western Europe	Eastern Europe (a)	Total Europe	Japan	Hong Kong	Other Far-Eastern Countries	Total Far East	Middle East	Others (b)	Total
	1,000 Cartons											
	ORANGES AND TANGERINES											
1977-78	10,120	2,297	211	-	2,508	2,984	5,110	865	8,959	3	508	22,098
1978-79	9,106	1,634	87	-	1,721	3,499	4,705	813	9,017	1	437	20,282
1979-80	10,988	5,078	329	-	5,407	4,477	6,761	1,672	12,910	214	692	30,211
1980-81	10,631	1,853	183	-	2,036	4,658	7,221	1,957	13,836	123	712	27,338
1981-82*	8,334	261	82	-	343	5,247	5,989	1,778	13,014	7	732	22,430
1982-83	10,254	1,796	195	-	1,991	5,494	7,391	3,035	15,920	48	835	29,048
1983-84	8,226	51	4	-	55	5,270	6,394	3,085	14,749	80	103	23,213
1984-85	7,905	562	20	-	582	7,040	7,134	2,986	17,160	2	79	25,728
1985-86	7,086	424	99	-	523	6,866	7,944	2,437	17,247	1	39	24,896
1986-87	6,965	1,102	156	-	1,258	7,625	6,532	2,503	16,660	7	36	24,926
	LEMONS AND LIMES											
1977-78	1,011	2,044	319	2,007	4,370	6,314	230	28	6,572	10	96	12,059
1978-79	840	1,938	245	2,398	4,581	6,662	232	28	6,922	4	103	12,450
1979-80	1,063	1,591	240	832	2,663	5,901	253	19	6,173	-	79	9,978
1980-81	928	1,887	215	148	2,250	6,874	260	24	7,158	55	104	10,495
1981-82*	752	755	134	-	889	6,267	254	16	6,537	2	119	8,299
1982-83	693	573	109	-	682	6,625	296	27	6,948	7	178	8,508
1983-84	830	439	96	-	535	6,975	334	221	7,530	-	131	9,026
1984-85	809	613	53	-	666	6,662	(c)	612	7,274	-	48	8,797
1985-86	659	86	38	-	124	6,438	(c)	462	6,900	-	41	7,724
1986-87	478	220	18	-	238	7,521	(c)	614	8,135	-	3.3	8,884
	GRAPEFRUIT											
1977-78	3,328	4,431	68	-	4,499	6,676	24	6	6,706	-	84	14,617
1978-79	2,673	4,017	97	-	4,114	8,462	20	7	8,489	6	67	15,349
1979-80	3,123	4,709	78	-	4,787	6,952	19	7	6,978	5	70	14,963
1980-81	2,814	4,456	88	-	4,544	8,707	23	11	8,741	1	169	16,269
1981-82*	2,551	4,113	113	-	4,226	7,471	29	4	7,504	-	77	14,358
1982-83	2,528	4,590	129	-	4,719	9,609	32	31	9,672	-	80	16,999
1983-84	2,282	3,706	150	-	3,856	8,120	46	153	8,319	3	17	14,477
1984-85	1,960	2,866	74	-	2,940	5,694	(c)	213	5,907	2	178	10,987
1985-86	1,473	4,356	139	-	4,495	8,417	(c)	504	8,921	-	5	14,894
1986-87	1,560	5,592	156	-	5,748	10,736	(c)	1,026	11,762	23	7	19,100

(a) Includes USSR
(b) Mexico, Central & South America, Caribbean, Africa, Australia and other Pacific Islands
(c) Hong Kong included with other Far Eastern Countries

Carton Weights: Oranges - 35 lb.; Lemons & Limes - 38 lb.; Grapefruit - 40 lb.
* Beginning 1981-82, USDA report format was changed. Eastern Europe, Middle East, Australia and other Pacific countries were not specified. Figures for other Far-Eastern Countries, Middle East and others were taken from EM546.

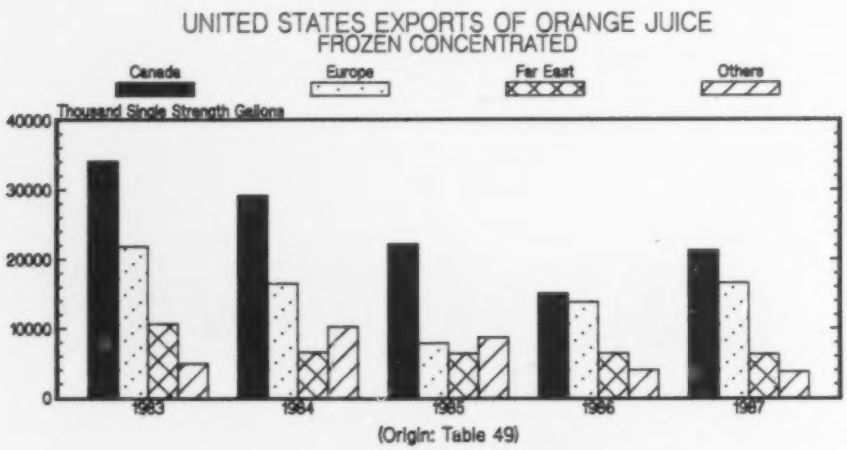
Source: USDA - Foreign Agriculture Circular

TABLE 49

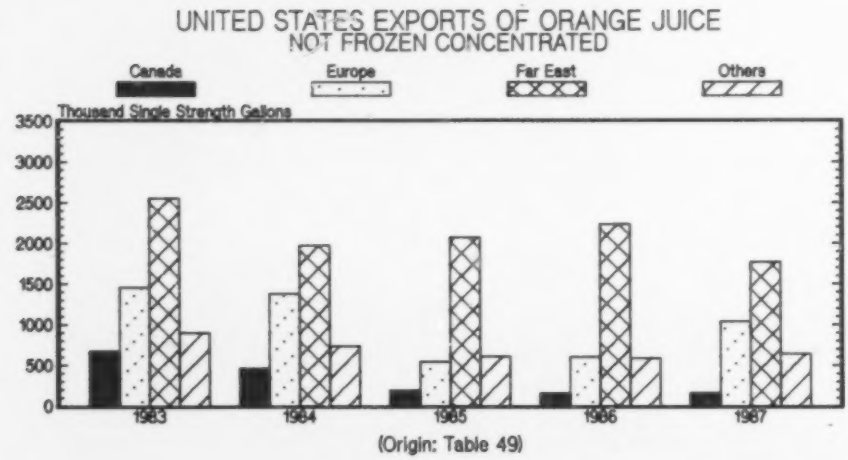
UNITED STATES EXPORTS OF ORANGE JUICE CONCENTRATE
(1978 to 1987)

Year	Canada		Europe		Far East		Others		Total	
	Not Frozen	Frozen	Not Frozen	Frozen	Not Frozen	Frozen	Not Frozen	Frozen	Not Frozen	Frozen
	1,000 Single Strength Gallons									
1978	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1979	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1980	2,263	33,743	2,262	21,747	2,116	7,139	1,040	3,611	7,681	66,240
1981	1,054	35,293	3,135	27,944	1,543	7,529	983	4,500	6,715	75,266
1982	742	28,551	2,738	20,371	2,200	9,897	1,018	2,887	6,698	61,706
1983	671	34,073	1,457	21,836	2,555	10,699	901	4,926	5,584	71,534
1984	463	29,131	1,381	16,532	1,975	6,582	737	10,279	4,556	62,524
1985	195	22,139	546	7,886	2,076	6,384	610	8,735	3,427	45,144
1986	159	15,080	603	13,835	2,235	6,430	587	4,005	3,584	39,350
1987	162	21,249	1,039	16,621	1,769	6,328	641	3,788	3,611	47,986

NA: Not Available
Source: U.S. Bureau of the Census - Reports Numbered FT410 & EM546.



(Origin: Table 49)



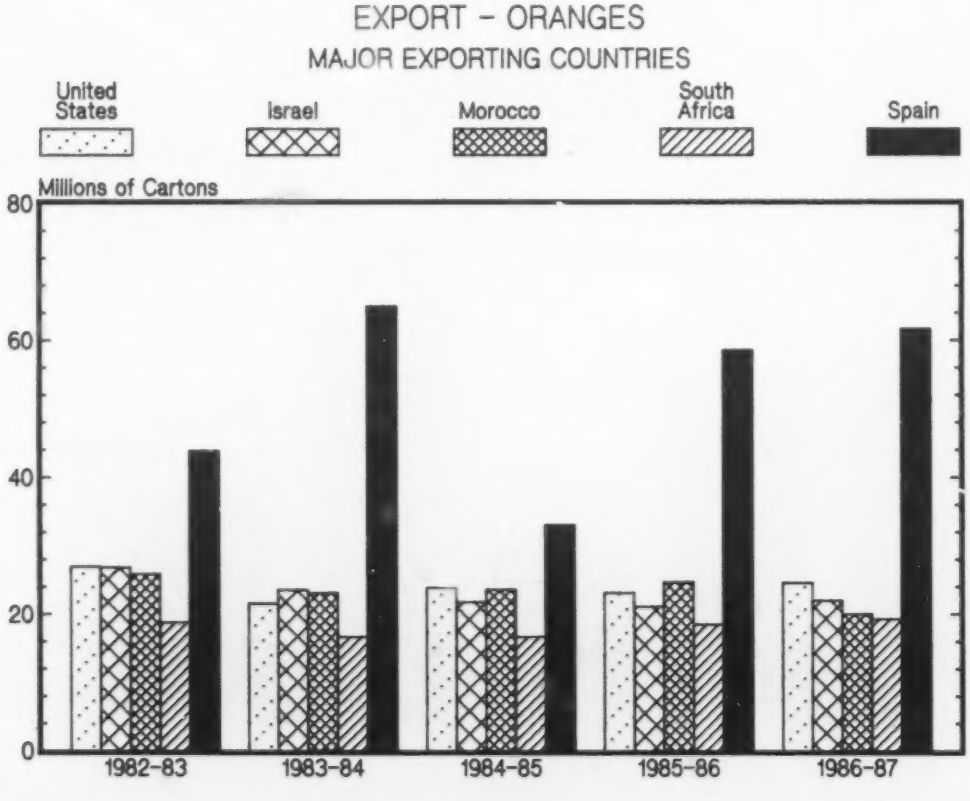
(Origin: Table 49)

TABLE 50

ORANGES
Fresh Export By Selected Countries
(1982-83 to 1986-87)

Country	1982-83	1983-84	1984-85	1985-86	1986-87
	1,000 Cartons (37.5lbs.)				
Northern Hemisphere					
Cuba	8,800	15,019	14,725	15,547	15,840
Cyprus	5,867	7,451	6,336	6,864	7,920
Egypt	10,619	10,736	9,328	8,800	9,093
Gaza*	7,627	5,984	5,397	4,928	5,573
Greece	9,915	9,269	14,373	14,432	14,667
Israel	26,928	23,643	21,765	21,061	22,000
Italy	7,275	8,037	8,448	10,677	11,147
Lebanon	4,224	3,520	3,813	3,813	-
Mexico	235	411	59	469	528
Morocco	25,931	23,056	23,643	24,640	20,005
Spain	43,824	64,885	32,971	58,549	61,600
Turkey	2,581	3,872	3,109	2,640	2,933
United States**	27,045	21,589	23,877	23,115	24,640
Total	180,871	197,472	167,844	195,535	195,946
Southern Hemisphere					
Argentina	2,112	1,936	3,227	2,581	3,227
Australia	1,232	1,584	1,877	2,464	2,699
Brazil	3,579	3,520	4,752	5,163	5,280
South Africa*	18,832	16,720	16,661	18,480	19,301
Uruguay	1,232	1,173	1,995	2,112	2,229
Total	26,987	24,933	28,512	30,800	32,736
Grand Total	207,858	222,405	196,356	226,335	228,682

*Includes Tangerines; **Includes Temples
Source: USDA - FAC



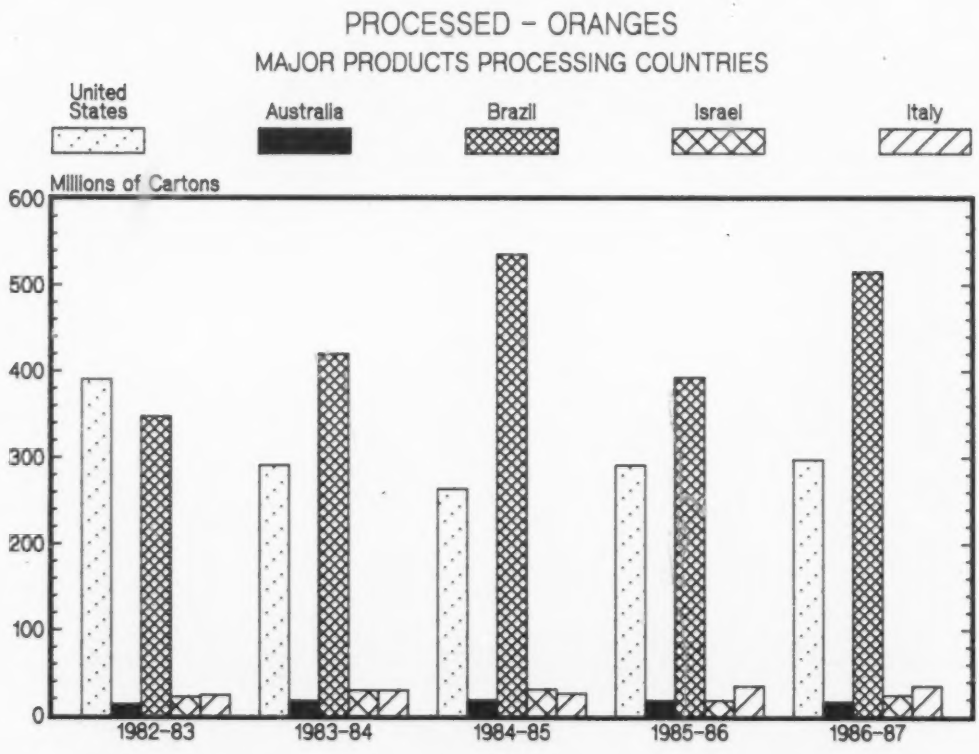
(Origin: Table 50)

TABLE 51

ORANGES
Processed By Selected Countries
(1982-83 to 1986-87)

Country	1982-83	1983-84	1984-85	1985-86	1986-87
	1,000 Cartons (37.5 lbs.)				
Northern Hemisphere					
Cuba	586	2,933	5,280	5,867	6,453
Cyprus	1,232	1,760	1,291	997	1,056
Egypt	411	411	411	411	411
Gaza*	176	176	1,525	1,056	1,290
Greece	5,867	5,280	9,680	3,520	9,970
Israel	22,293	29,979	31,269	18,245	24,640
Italy	24,229	30,155	26,400	35,200	35,200
Japan	59	59	59	59	59
Mexico	16,427	18,773	4,107	12,907	11,733
Morocco	4,107	7,685	7,099	8,507	4,928
Spain	5,221	7,040	13,493	9,563	8,213
Turkey	5,397	5,867	5,632	4,107	4,693
United States**	390,485	291,280	264,176	291,632	298,027
Total	476,490	401,398	370,422	392,071	406,673
Southern Hemisphere					
Argentina	7,333	7,627	7,627	7,040	8,800
Australia	13,669	18,069	18,773	18,539	17,248
Brazil	347,072	420,171	535,685	392,891	515,563
Chile	-	235	293	293	293
South Africa*	6,219	7,979	8,213	5,632	5,867
Uruguay	176	176	235	293	352
Total	374,469	454,257	570,826	424,688	548,123
Grand Total	850,959	855,655	941,248	816,759	954,796

*Includes Tangerines; ** Includes Temples
Source: USDA - FAC



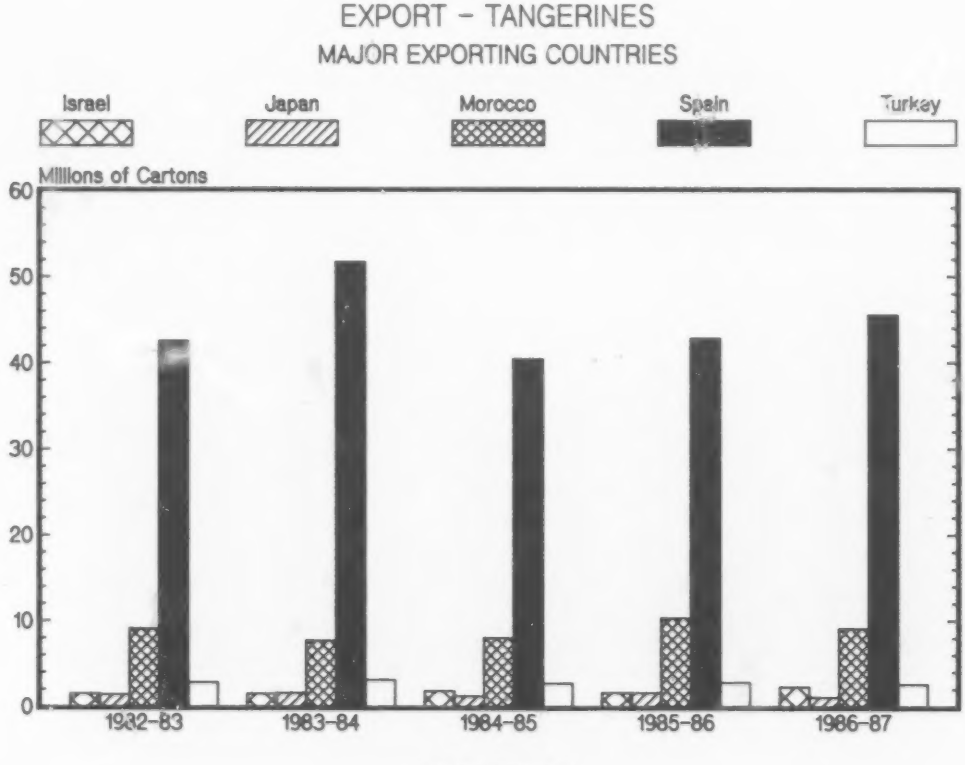
(Origin: Table 51)

TABLE 52

TANGERINES
Fresh Export By Selected Countries
(1982-83 to 1986-87)

Country	1982-83	1983-84	1984-85	1985-86	1986-87
	1,000 Cartons (37.5 lbs.)				
Northern Hemisphere					
Cuba	-	-	410	528	528
Cyprus	59	59	59	59	117
Greece	293	59	59	117	117
Israel	1,525	1,525	1,819	1,584	2,288
Italy	235	528	176	997	880
Japan	1,467	1,643	1,232	1,584	1,056
Lebanon	1,467	1,173	1,173	1,173	-
Mexico	528	997	293	352	293
Morocco	9,093	7,685	7,979	10,266	9,093
Spain	42,533	51,685	40,363	42,768	45,467
Turkey	2,757	3,051	2,699	2,757	2,640
United States	997	587	939	528	880
Total	60,954	68,992	57,201	62,713	63,359
Southern Hemisphere					
Argentina	176	176	235	469	528
Australia	176	117	176	235	117
Brazil	293	293	352	411	411
Uruguay	117	411	411	469	528
Total	762	997	1,174	1,584	1,584
Grand Total	61,716	69,989	58,375	64,297	64,943

Source: USDA - FAC



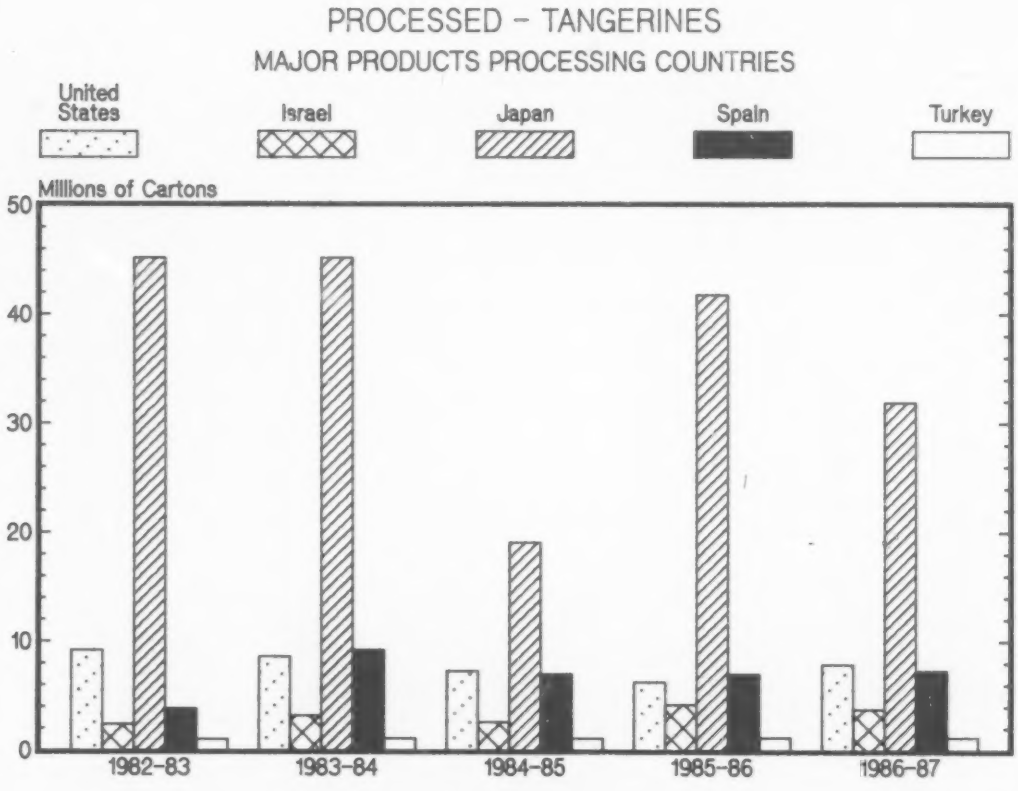
(Origin: Table 52)

TABLE 53

TANGERINES
Processed By Selected Countries
(1982-83 to 1986-87)

Country	1982-83	1983-84	1984-85	1985-86	1986-87
	1,000 Cartons (37.5 lbs.)				
Northern Hemisphere					
Egypt	117	176	176	176	176
Greece	117	117	117	59	176
Israel	2,405	3,227	2,640	4,165	3,813
Italy	645	1,173	997	1,173	1,173
Japan	45,173	45,232	19,067	41,771	31,856
Mexico	176	645	293	704	528
Morocco	352	704	1,349	1,701	821
Spain	3,755	9,152	7,040	7,040	7,333
Turkey	880	1,056	1,114	1,173	1,173
United States	9,211	8,624	7,333	6,336	7,920
Total	62,831	70,106	40,126	64,298	54,969
Southern Hemisphere					
Argentina	117	176	176	176	176
Australia	235	235	293	293	293
Total	352	411	469	469	469
Grand Total	63,183	70,517	40,595	64,767	55,438

Source: USDA - FAC



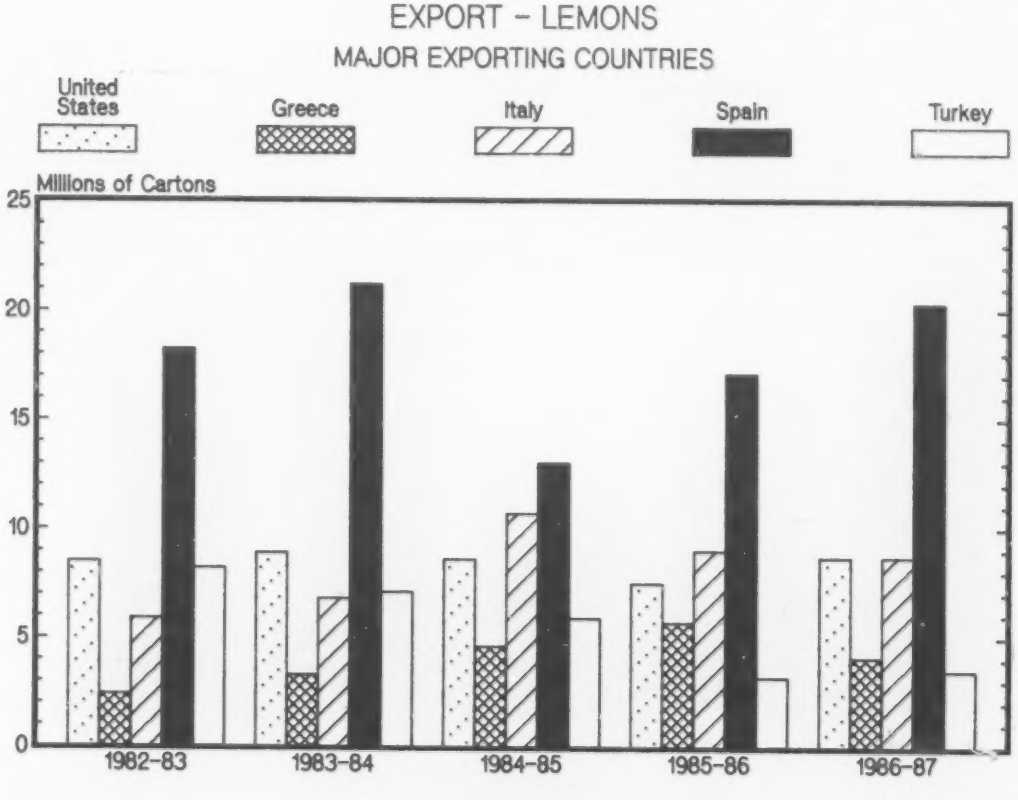
(Origin: Table 53)

TABLE 54

LEMONS
Fresh Exported By Selected Countries
(1982-83 to 1986-87)

Country	1982-83	1983-84	1984-85	1985-86	1986-87
	1,000 Cartons (38 lbs.)				
Northern Hemisphere					
Cyprus	2,026	2,142	1,332	2,142	2,200
Gaza	405	521	695	695	695
Greece	2,374	3,358	4,574	5,732	4,053
Israel	1,795	1,447	1,273	1,158	1,447
Italy	5,905	6,832	10,653	8,974	8,684
Lebanon	984	868	868	868	-
Morocco	58	58	116	116	116
Spain	18,237	21,247	13,026	17,079	20,263
Turkey	8,221	7,121	5,905	3,184	3,474
United States	8,511	8,858	8,626	7,526	8,684
Total	48,516	52,452	47,068	47,474	49,616
Southern Hemisphere					
Argentina	1,216	1,042	3,879	1,679	2,605
Australia	58	58	232	289	174
Chile	174	58	463	289	289
South Africa	1,447	1,621	1,795	1,853	1,968
Uruguay	289	347	926	984	1,042
Total	3,184	3,126	7,295	5,094	6,078
Grand Total	51,700	55,578	54,363	52,568	55,694

Source: USDA - FAC



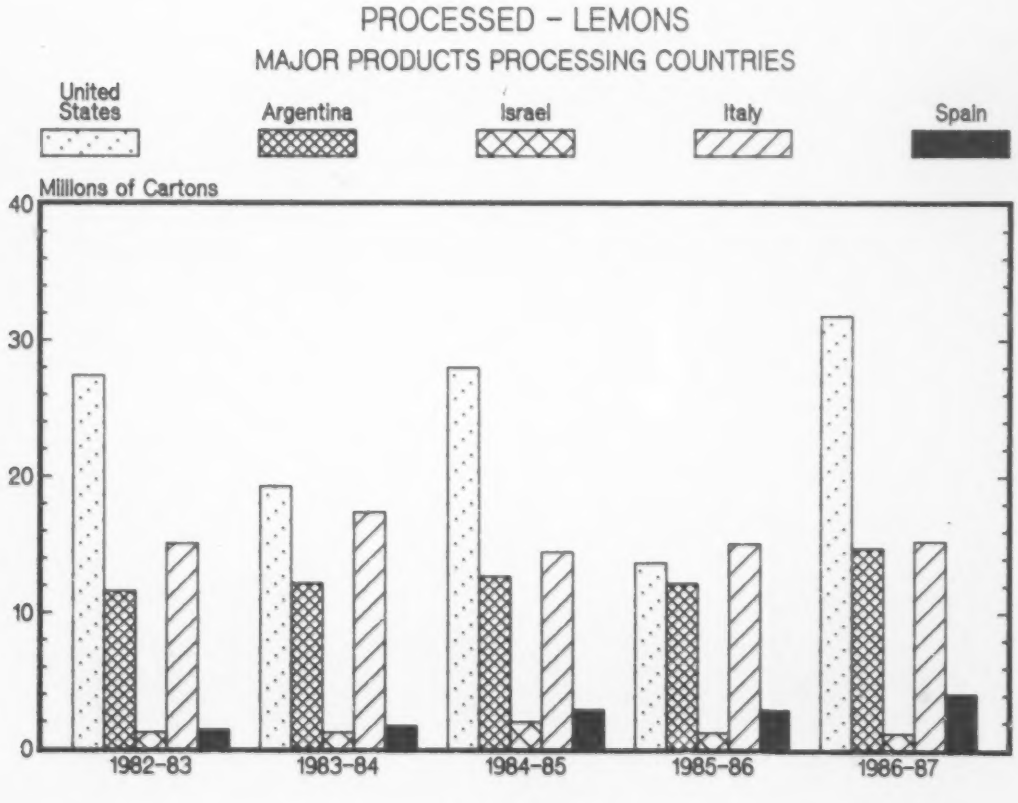
(Origin: Table 54)

TABLE 55

LEMONS
Processed By Selected Countries
(1982-83 to 1986-87)

Country	1982-83	1983-84	1984-85	1985-86	1986-87
	1,000 Cartons (38 lbs.)				
Northern Hemisphere					
Cyprus	347	405	289	289	289
Greece	1,563	1,678	1,100	1,447	1,332
Israel	1,158	1,158	2,026	1,216	1,158
Italy	15,053	17,368	14,474	15,053	15,342
Mexico	174	174	174	174	174
Morocco	58	58	-	-	-
Spain	1,447	1,737	2,895	2,895	4,053
Turkey	1,274	1,274	1,447	1,158	1,274
United States	27,384	19,337	28,021	13,721	31,784
Total	48,458	43,189	50,426	35,953	55,406
Southern Hemisphere					
Argentina	11,579	12,158	12,736	12,158	14,763
Australia	811	1,621	1,621	1,389	1,216
Brazil	926	926	926	926	926
Chile	-	174	116	174	174
South Africa	926	926	1,274	1,274	1,274
Total	14,242	15,805	16,673	15,921	18,353
Grand Total	62,700	58,994	67,099	51,874	73,759

Source: USDA - FAC



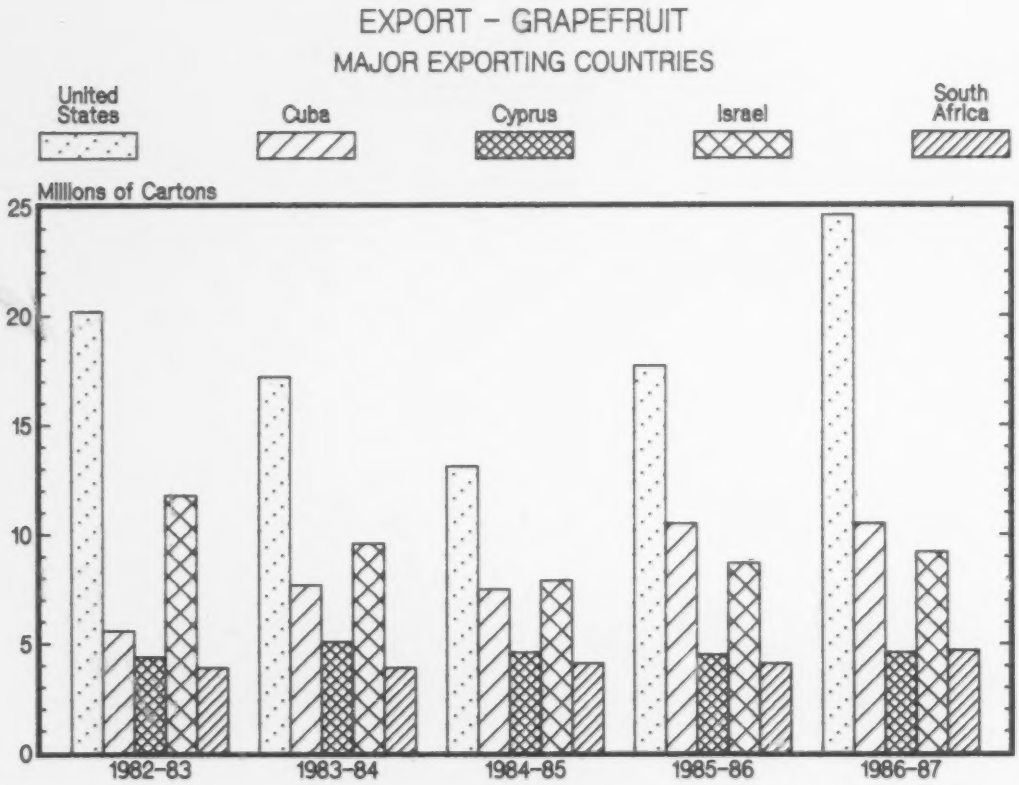
(Origin: Table 55)

TABLE 56

GRAPEFRUIT
Fresh Export By Selected Countries
(1982-83 to 1986-87)

Country	1982-83	1983-84	1984-85	1985-86	1986-87
	1,000 Cartons (33.5 lbs.)				
Northern Hemisphere					
Cuba	5,582	7,749	7,487	10,507	10,507
Cyprus	4,400	5,057	4,597	4,531	4,663
Gaza	525	394	131	263	263
Greece	66	-	-	-	66
Israel	11,755	9,588	7,881	8,669	9,194
Italy	66	66	66	66	66
Lebanon	394	328	328	328	-
Mexico	394	197	131	197	197
Morocco	66	-	-	-	-
Spain	394	394	328	525	657
Turkey	722	1,182	1,182	854	788
United States	20,227	17,206	13,069	17,731	24,627
Total	44,591	42,161	35,200	43,671	51,028
Southern Hemisphere					
Argentina	1,445	1,510	1,510	1,904	1,707
South Africa	3,875	3,940	4,137	4,137	4,728
Uruguay	131	197	131	197	197
Total	5,451	5,647	5,778	6,238	6,632
Grand Total	50,042	47,808	40,978	49,909	57,660

Source: USDA - FAC



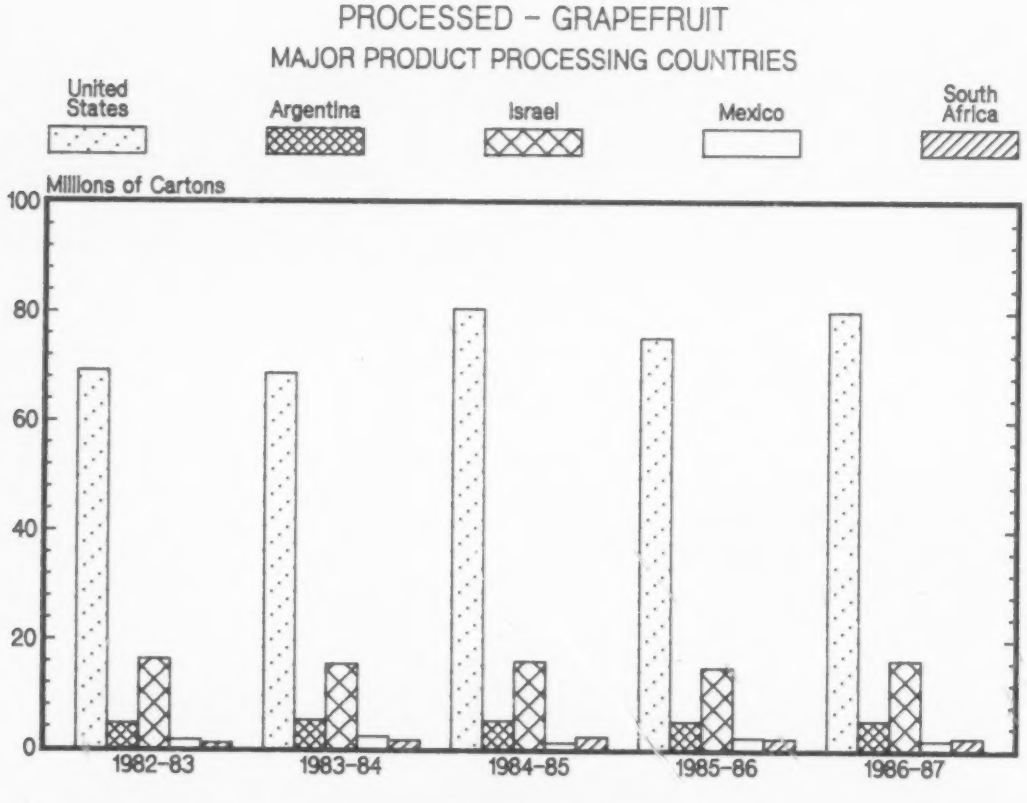
(Origin: Table 56)

TABLE 57

GRAPEFRUIT
Processed By Selected Countries
(1982-83 to 1986-87)

Country	1982-83	1983-84	1984-85	1985-86	1986-87
	1,000 Cartons (33.5 lbs.)				
Northern Hemisphere					
Cuba	1,313	1,313	1,313	2,955	2,627
Cyprus	919	1,248	919	1,116	1,182
Gaza	394	263	525	328	394
Greece	66	66	197	197	197
Israel	16,418	15,630	16,090	15,039	16,418
Mexico	1,642	2,299	1,248	2,167	1,707
Morocco	263	131	66	131	131
Spain	66	66	66	66	66
Turkey	131	131	66	131	131
United States	69,152	68,693	80,579	75,325	80,119
Total	90,364	89,840	101,069	97,455	102,972
Southern Hemisphere					
Argentina	4,597	5,254	5,254	5,057	5,254
Australia	1,445	1,313	1,707	1,642	1,576
Brazil	1,116	1,182	1,248	1,116	1,445
South Africa	525	1,576	2,167	2,036	2,167
Total	7,683	9,325	10,376	9,851	10,442
Grand Total	98,047	99,165	111,445	107,306	113,414

Source: USDA - FAC



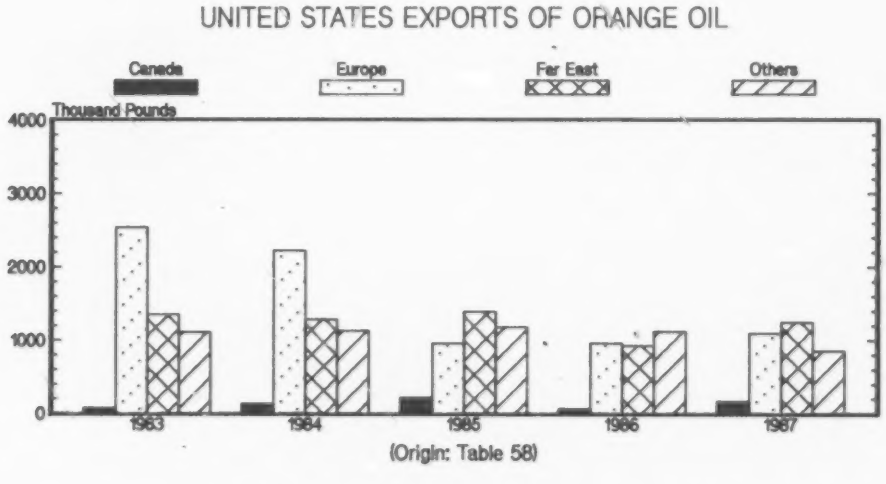
(Origin: Table 57)

TABLE 58

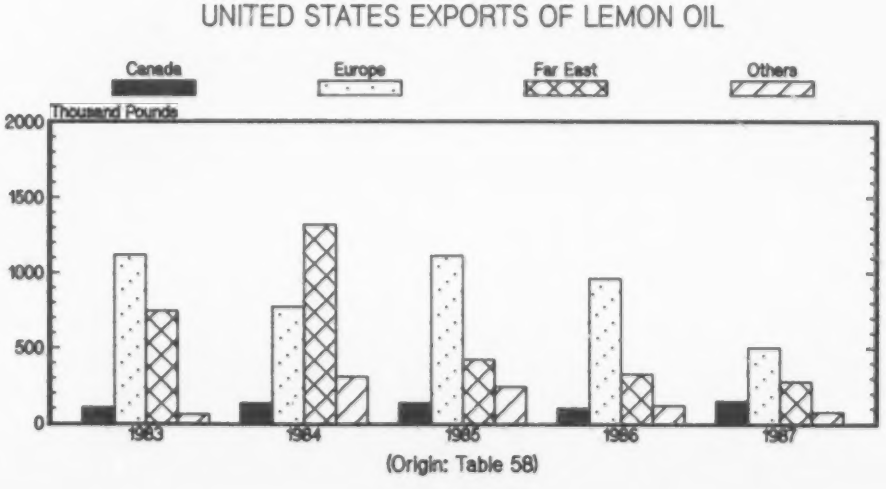
UNITED STATES EXPORTS OF ORANGE AND LEMON OIL
(1978 to 1987)

Year	Orange Oil					Lemon Oil				
	Canada	Europe	Far East	Others	Total	Canada	Europe	Far East	Others	Total
	1,000 Pounds									
1978	193	4,316	2,428	834	7,771	132	1,130	153	160	1,575
1979	130	4,123	4,217	834	9,304	101	835	171	249	1,356
1980	93	3,575	3,498	742	7,908	88	576	177	214	1,055
1981	170	2,875	3,442	816	7,303	53	517	415	117	1,102
1982	110	3,148	1,770	748	5,776	139	619	240	145	1,143
1983	75	2,542	1,354	1,111	5,082	106	1,119	747	59	2,031
1984	133	2,225	1,288	1,132	4,778	135	775	1,320	312	2,542
1985	216	960	1,393	1,184	3,753	137	1,115	424	244	1,920
1986	67	962	929	1,120	3,078	101	962	329	120	1,512
1987	168	1,096	1,248	859	3,371	150	505	281	78	1,014

Source: USDC, Bureau of Census, US Exports - FT410 & FM546.



(Origin: Table 58)



(Origin: Table 58)

TABLE 59

UNITED STATES IMPORTS OF FRESH AND PREPARED CITRUS FOR CONSUMPTION
(1978 to 1987)

YEAR	ORANGES	GRAPEFRUIT	LEMONS	LIMES	OTHERS	TOTAL
	1,000 Pounds					
1978*	124,445	13,181	296	28,251	58,178	224,351
1979	128,507	9,594	923	22,233	37,672	198,929
1980	99,412	22,001	318	38,149	33,553	193,433
1981	94,045	15,221	312	46,890	38,514	194,982
1982	96,606	16,175	12,658	23,602	33,977	183,018
1983	93,174	12,436	3,647	36,557	44,321	190,135
1984	141,661	20,660	13,192	49,417	19,656	244,586
1985	153,051	21,815	25,022	70,147	17,252	287,287
1986	149,941	37,073	20,385	56,640	31,836	295,875
1987	163,684	36,933	16,214	71,078	34,735	322,644

* Beginning 1978 substantial volume of mandarins & tangerines were imported
Source: USDC - U.S. Foreign Trade: FT246, IM146 - Imports TSUSA

TABLE 60

UNITED STATES IMPORTS OF CITRUS PRODUCTS FOR CONSUMPTION
(1978 to 1987)

Year	Juice					Oil				Peel*	
	Concentrated			Not Concentrated		Orange	Grape-fruit	Lemon	Lime	Orange	Lemon
	Orange	Lime	Other	Lime	Other						
	1,000 Gallons					1,000 Pounds					
1978	150,741	934	157	74	148	2,978	90	1,012	1,630	1,379	273
1979	160,018	2,137	1,902	54	222	6,074	60	1,484	1,794	522	180
1980	100,014	1,370	1,943	26	1,008	4,969	39	1,898	1,413	978	141
1981	214,231	883	1,296	34	10,097	4,658	93	706	1,172	1,036	190
1982	396,072	1,039	9,702	15	3,102	4,139	66	983	714	1,677	153
1983	364,769	317	3,617	5	5,597	9,638	110	1,645	1,354	2,033	148
1984	558,118	789	4,088	17	18,226	6,980	37	1,363	1,188	1,355	171
1985	581,427	503	7,442	45	1,466	9,845	136	2,200	1,373	1,232	82
1986	547,041	1,504	28,878	38	2,349	7,291	213	2,021	1,393	1,542	198
1987	521,558	454	13,945	23	2,240	11,134	248	1,402	1,678	2,235	183

*Includes prepared, preserved, crude, dried or in brine.
Source: USDC - U.S. Foreign Trade: FT246, IM146 - Imports TSUSA

TABLE 61

NUMERICAL CLASSIFICATION FOR TARIFF AND
TRADE DATA ON SELECTED FRESH CITRUS PRODUCTS

Commodity Description	TSUSA 1/	CCCN 2/	Schedule B 3/
Grapefruit			
August - September	147.0300	08.02	147.1500
October	147.0700	08.02	147.1500
November - July	147.1500	08.02	147.1500
Lemons	147.1900	08.02	147.1900
Limes	147.2200	08.02	147.2200
Oranges			
Tangerines	147.3120	08.02	147.3120
Temples	147.3140	08.02	147.3130
Other Oranges	147.3140	08.02	147.3140

1/ Tariff Schedules of the United States Annotated (These classifications do not include imports from Cuba).

2/ Customs Cooperation Council Nomenclature (formerly the Brussels Tariff Nomenclature).

3/ Statistical Classification of Domestic and Foreign Commodities Exported from the United States.

TABLE 62

NUMERICAL CLASSIFICATION FOR TARIFF AND
TRADE DATA ON SELECTED PROCESSED CITRUS PRODUCTS

Commodity Description	TSUSA 1/	CCCN 2/	Schedule B 3/
Juices			
Lime - Not Concentrated	165.2520	20.07	165.1500
Lime - Concentrated	165.2540	20.07	165.4140 4/ 165.7700 5/
Orange, Not Concentrated	165.2700	20.07	165.0700
Orange, Concentrated	165.2900		165.3320 4/6/ 165.3340 4/6/ 165.3360 4/6/ 165.7400 5/
Grapefruit - Not Concentrated	165.3200	20.07	165.0500
Lemon - Not Concentrated	165.3200		165.1500
Lemon - Concentrated	165.3650	20.07	165.4120 4/ 165.7700 5/
Grapefruit Concentrated	165.3680	20.07	165.3100 4/ 165.7100 5/
Lemonade	166.2000	22.02	166.4100
Oils			
Bergamot	452.0600	33.01	452.6000
Grapefruit	452.2800	33.01	452.6000
Lemon	452.3400	33.01	452.3400
Lemongrass	452.3600	33.01	452.6000
Lime	452.3800	33.01	452.6000
Orange	452.4400	33.01	452.4400

1/ Tariff Schedules of the United States Annotated (1987).

2/ Customs Cooperation Council Nomenclature (formerly the Brussels Tariff Nomenclature).

3/ Statistical Classification of Domestic and Foreign Commodities Exported from the United States.

4/ Frozen.

5/ Not Frozen.

6/ Varies with container size.

TABLE 63

U.S. CUSTOMS DUTIES 1/ ON SELECTED
FRESH AND PROCESSED CITRUS FRUIT PRODUCTS

Description of Item	Rates of Duty
Fresh Grapefruit	
August 1 - September 30	1.0¢ per lb.
Month of October	0.8¢ per lb.
November 1 - July 31	1.3¢ per lb.
Fresh Lemons	1.25¢ per lb.
Fresh Limes	1.0¢ per lb.
Fresh Tangerines	1.0¢ per lb.
Fresh Oranges	1.0¢ per lb.
Citrus Juices 2/	
Lime - Not Concentrated	10.0¢ per gal.
Lime - Concentrated	10.0¢ per gal.
Orange, Grapefruit & Lemon - Not Concentrated	20.0¢ per gal.
Orange, Grapefruit & Lemon - Concentrated	35.0¢ per gal.
Lemonade	1.0¢ per gal.
Citrus Oils	
Bergamot	Free
Grapefruit	6.0% ad val.
Lemon	8.5% ad val.
Lemongrass	Free
Lime	Free
Orange	6.0% ad val.

1/ These duties apply to imported commodities from countries to which the United States extends most-favored-nation treatment.

2/ Duty is applied to imported citrus juices on a single strength basis. Thus the duty is applied to imports of concentrated citrus juice on a single strength equivalent basis.

Source: United States International Trade Commission, Tariff Schedules of United States Annotated (1987).